

Converting Colors

XYZ(83.5434, 87.9797, 97.0245)

Have a look what the booklet for
XYZ(83.5434, 87.9797, 97.0245)
contains.

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Color

**XYZ(83.5681, 87.9069,
97.3572)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F0F1F3 |
| RGB | 240, 241, 243 |
| RGB Percent | 94%, 95%, 95% |
| CMY | 0.0588, 0.0549, 0.0471 |
| CMYK | 0.01, 0.01, 0.00, 0.05 |
| HSL | 220°, 11%, 95% |
| HSV | 220°, 1%, 95% |
| XYZ | 83.5681, 87.9069, 97.3572 |
| YIQ | 240.9290, -1.2380, 0.4100 |

Conversions

Conversions Part 2

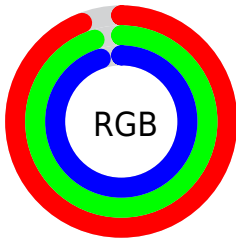
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 240, 241, 243 |
| Decimal | 15790579 |
| CIE Lab | 95.12, 0.03, -1.09 |
| CIE LCh | 95, 1.089, 271.531 |
| Yxy | 87.9069, 0.3109, 0.3270 |
| Android (android.graphics.Color) | 4293980659 (0xFFFF0F1F3) |
| YUV | 240.9290, 1.0210, -0.8147 |
| Hunter-Lab | 93.7587, -4.9788, 4.0655 |

Details

The XYZ color **83.5681, 87.9069, 97.3572** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.4425, 88.8491, 95.1383**, and the grayscale version is **83.5483, 87.8993, 95.7224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0858, 48.4761, 53.9416** is the 20% darker color. If you saturate the color by 10%, you get **71.2903, 74.7880, 95.4734**, and if you desaturate by 10%, it is **93.1779, 99.2512, 99.0417**.

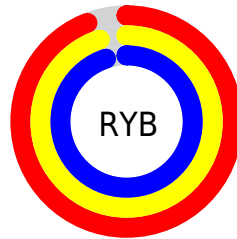
Distribution



Red (94%)

Green (95%)

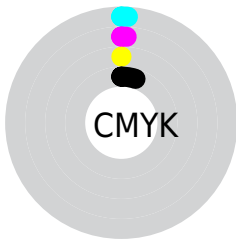
Blue (95%)



Red (94%)

Yellow (95%)

Blue (95%)

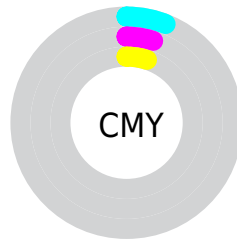


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.5681, 87.9069, 97.3572 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 83.5681, 87.9069, 97.3572 by changing the saturation by 10% instead.

83.5681, 87.9069,
97.3572

83.5681, 87.9069,
97.3572

495.4332,
521.1983, 572.8601

62.9774, 66.2460,
73.4907

137.2952,
144.4275, 159.5407

46.0815, 48.4721,
53.8831

171.1624,
180.0560, 198.6947

32.5150, 34.2009,
38.1156

210.1858,
221.1092, 243.7818

21.9127, 23.0480,
25.7699

254.7307,
267.9713, 295.2203

13.9090, 14.6289,
16.4274

305.1626,
321.0269, 353.4288

8.1387, 8.5594,
9.6695

361.8467,

4.2364, 4.4549,

380.6604, 418.8259

5.0776

425.1485,
447.2560, 491.8302

■ 1.8367, 1.9312,
2.2333

■ 0.5396, 0.5670,
0.6935

■ 83.5681, 87.9069,
97.3572

■ 83.5681, 87.9069,
97.3572

■ 71.2903, 74.7880,
95.4734

■ 93.1779, 99.2512,
99.0417

■ 60.4849, 63.0398,
93.7753

■ 51.0964, 52.6192,
92.2588

■ 43.0630, 43.4766,
90.9175

■ 36.3179, 35.5591,
89.7447

■ 30.7886, 28.8095,
88.7334

■ 26.3946, 23.1657,
87.8756

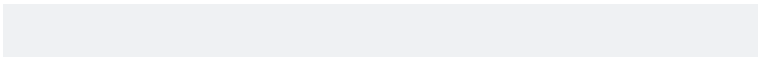
■ 23.0447, 18.5587,
87.1629

■ 20.6314, 14.9095,
86.5857

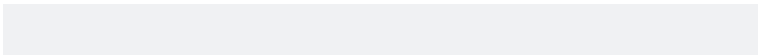
Harmonies

Analogous

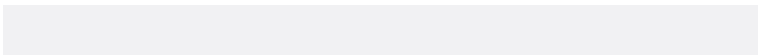
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2814, 87.9069, 97.1582



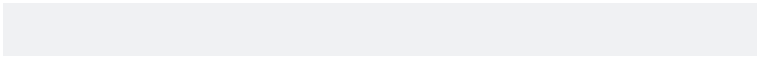
83.5681, 87.9069, 97.3572



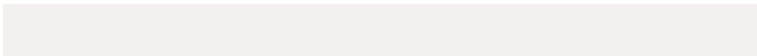
83.8514, 87.9069, 97.1142

Triad

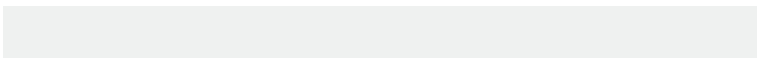
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5681, 87.9069, 97.3572



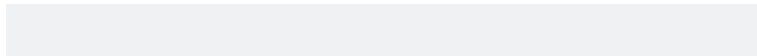
84.0398, 87.9069, 94.8643



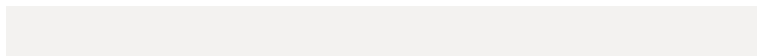
83.0527, 87.9069, 94.9394

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



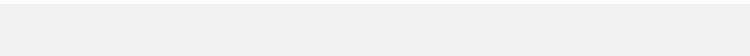
83.5681, 87.9069, 97.3572



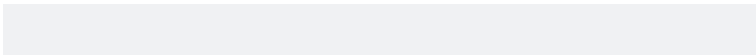
84.4425, 88.8491, 95.1383

Split Complementary

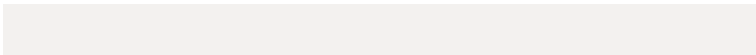
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2551, 87.9069, 94.3307



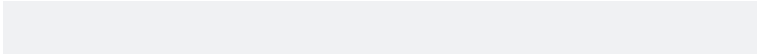
83.5681, 87.9069, 97.3572



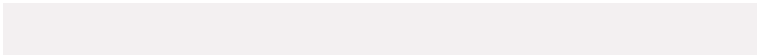
83.8249, 87.9069, 94.2875

Square

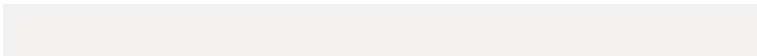
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5681, 87.9069, 97.3572



84.1241, 87.9069, 95.6721



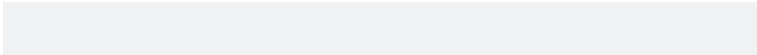
83.5376, 87.9069, 94.0927



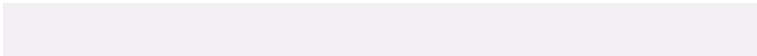
82.9842, 87.9069, 95.7593

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



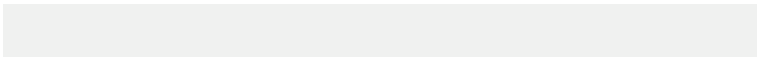
83.5681, 87.9069, 97.3572



84.0000, 87.9069, 96.7350



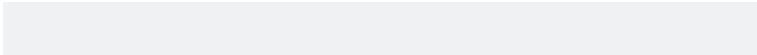
83.5376, 87.9069, 94.0927



83.1073, 87.9069, 94.7035

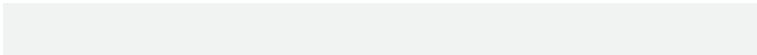
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83.5706, 87.9107, 97.3591

95.0500, 100.0000, 108.9000



84.0065, 89.0356, 96.7243



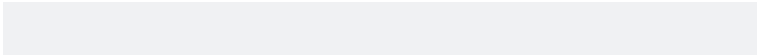
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

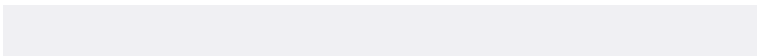
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5706, 87.9107, 97.3591



93.5792, 98.4419, 108.6768



83.4271, 87.3967, 97.2675



18.3563, 19.3103, 21.3023



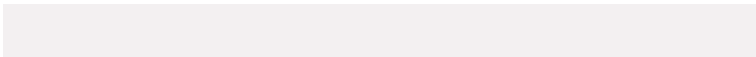
10.6182, 7.0301, 47.3353



1.0241, 0.7995, 4.1906

Inverse Universe

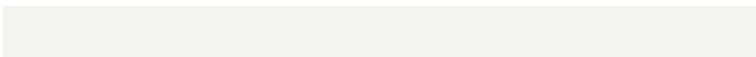
The Inverse Universe completely reimagines the original color for something new.



84.0013, 87.7273, 95.7293



93.9699, 98.2750, 107.1984



84.5871, 89.3685, 95.2309



18.4288, 19.2793, 21.0280



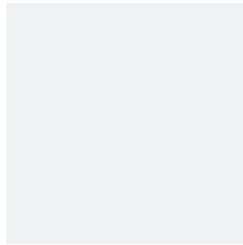
21.1641, 10.8091, 5.5723



1.9060, 0.9683, 0.7312

Previews

White Background



This preview shows how the XYZ color 83.5681, 87.9069, 97.3572 looks on a white background.

Color Contrast Check

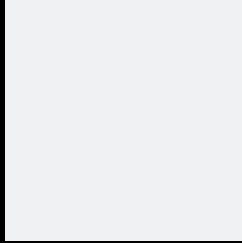
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 83.5681, 87.9069, 97.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

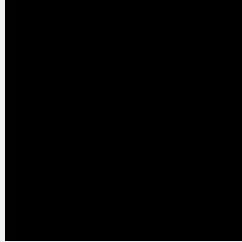
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

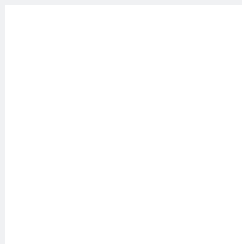
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.5681, 87.9069, 97.3572

Background



This preview shows how black text looks on a background with the XYZ color 83.5681, 87.9069, 97.3572.



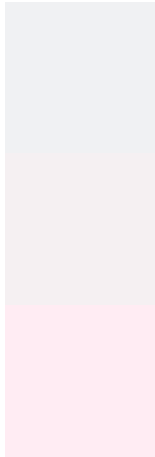
This preview shows how white text looks on a background with the XYZ color 83.5681, 87.9069,

97.3572.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.5681, 87.9069, 97.3572

Protanopia

84.8433, 88.1435, 96.5461

Deuteranopia

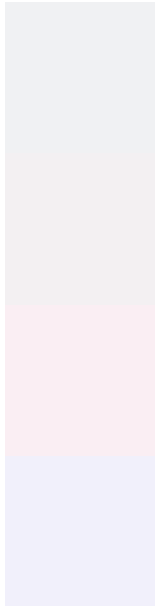
87.4131, 87.7220, 97.1189



Tritanopia

85.5345, 87.8302, 107.0525

Trichromacy



Original Color

83.5681, 87.9069, 97.3572

Protanomaly

84.1492, 87.7857, 96.5136

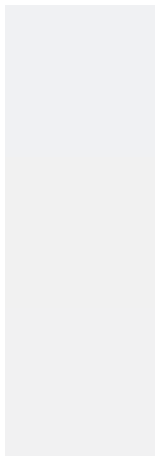
Deuteranomaly

86.1765, 87.9441, 97.2269

Tritanomaly

84.8483, 87.9860, 103.7778

Monochromacy



Original Color

83.5681, 87.9069, 97.3572

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.7579, 88.0222, 96.5799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5681, 87.9069, 97.3572 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(240, 241, 243) looks like.

```
.text, #text, p{  
    color:rgb(240, 241, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 243) }
```

Border

The CSS property to change the border of an element to XYZ 83.5681, 87.9069, 97.3572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 241, 243) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 241, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 241, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(240, 241,  
243) }
```


Background

The CSS property to change the background color of an element to XYZ 83.5681, 87.9069, 97.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 241, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
241, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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