

Converting Colors

XYZ(83.4915, 87.6183, 95.6659)

Have a look what the booklet for
XYZ(83.4915, 87.6183, 95.6659)
contains.

XYZ(83.3129, 87.3718, 95.6925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(83.3129, 87.3718,
95.6925)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F0F1
RGB	241, 240, 241
RGB Percent	95%, 94%, 95%
CMY	0.0549, 0.0588, 0.0549
CMYK	0.00, 0.00, 0.00, 0.05
HSL	300°, 3%, 94%
HSV	300°, 0%, 95%
XYZ	83.3129, 87.3718, 95.6925
YIQ	240.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

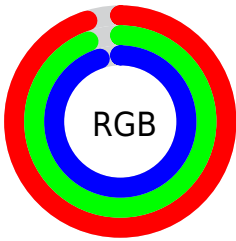
Format	Color
R_{YB}	241, 240, 241
Decimal	15855857
CIE _{Lab}	94.90, 0.51, -0.37
CIE _{LCh}	95, 0.636, 323.999
Yxy	87.3718, 0.3128, 0.3280
Android (android.graphics.Color)	4294045937 (0xFFFF1F0F1)
YUV	240.4130, 0.2894, 0.5148
Hunter-Lab	93.4729, -4.4795, 4.7331

Details

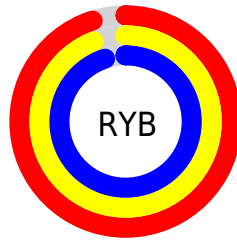
The XYZ color **83.3129, 87.3718, 95.6925** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.1220, 87.7295, 94.9950**, and the grayscale version is **83.1478, 87.4780, 95.2635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9050, 48.0980, 52.7633** is the 20% darker color. If you saturate the color by 10%, you get **76.6845, 74.1149, 93.4843**, and if you desaturate by 10%, it is **87.9144, 96.5725, 97.2272**.

Distribution



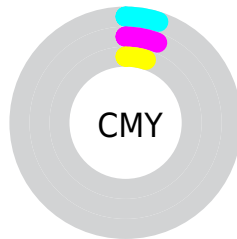
- Red (95%)
- Green (94%)
- Blue (95%)



- Red (95%)
- Yellow (94%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.3129, 87.3718, 95.6925 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 83.3129, 87.3718, 95.6925 by changing the saturation by 10% instead.

83.3129, 87.3718,
95.6925

83.3129, 87.3718,
95.6925

494.5969,
519.4438, 567.4204

62.7661, 65.8029,
72.1114

136.9399,
143.6823, 157.2248

45.9099, 48.1124,
52.7623

170.7507,
179.1926, 196.0130

32.3791, 33.9159,
37.2266

209.7137,
220.1190, 240.7074

21.8082, 22.8290,
25.0858

254.1941,
266.8456, 291.7265

13.8318, 14.4673,
15.9214

304.5572,
319.7571, 349.4888

8.0847, 8.4464,
9.3148

361.1685,

4.2015, 4.3819,

379.2377, 414.4129

4.8475

424.3933,
445.6718, 486.9172

■ 1.8167, 1.8894,
2.1009

■ 0.5277, 0.5420,
0.6163

■ 83.3129, 87.3718,
95.6925

■ 83.3129, 87.3718,
95.6925

■ 76.6845, 74.1149,
93.4843

■ 87.9144, 96.5725,
97.2272

■ 70.9589, 62.6650,
91.5760

■ 87.9152, 96.5729,
97.2272

■ 66.0994, 52.9473,
89.9565

■ 87.9161, 96.5733,
97.2273

■ 62.0639, 44.8774,
88.6115

■ 87.9169, 96.5737,
97.2273

58.8066, 38.3641,
87.5260

87.9177, 96.5741,
97.2273

56.2775, 33.3070,
86.6832

87.9185, 96.5745,
97.2274

54.4206, 29.5944,
86.0644

87.9193, 96.5750,
97.2274

53.1718, 27.0981,
85.6484

87.9201, 96.5754,
97.2275

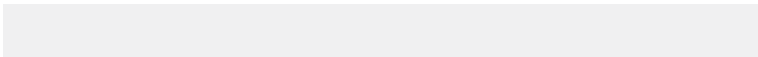
52.4548, 25.6652,
85.4096

87.9209, 96.5758,
97.2275

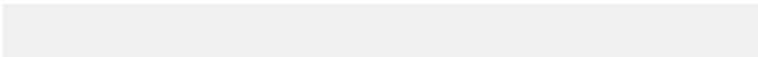
Harmonies

Analogous

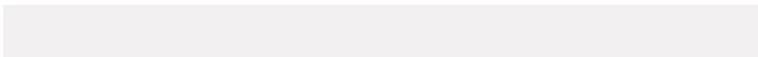
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1793, 87.3718, 96.0035



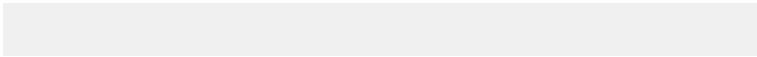
83.3129, 87.3718, 95.6925



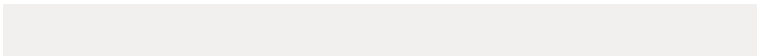
83.3746, 87.3718, 95.2324

Triad

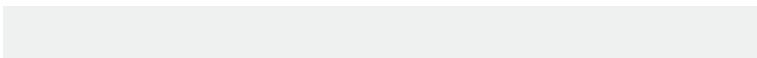
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3129, 87.3718, 95.6925



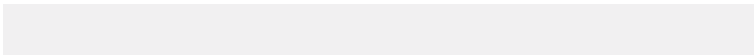
83.0790, 87.3718, 94.1914



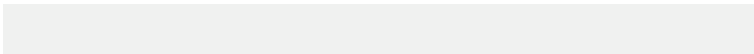
82.7416, 87.3718, 95.5199

Complementary

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



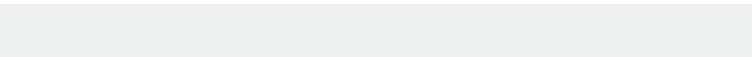
83.3129, 87.3718, 95.6925



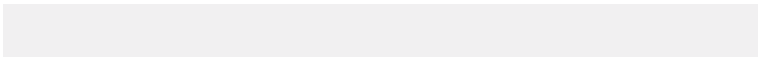
83.1220, 87.7295, 94.9950

Split Complementary

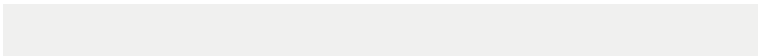
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7148, 87.3718, 95.0338



83.3129, 87.3718, 95.6925



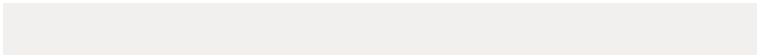
82.9094, 87.3718, 94.2679

Square

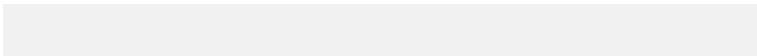
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



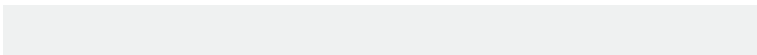
83.3129, 87.3718, 95.6925



83.2394, 87.3718, 94.3666



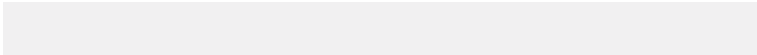
82.7762, 87.3718, 94.5758



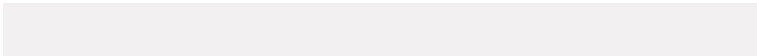
82.8495, 87.3718, 95.9036

Rectangle

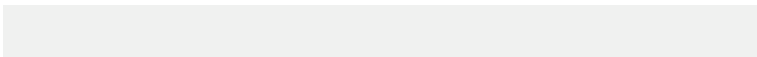
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



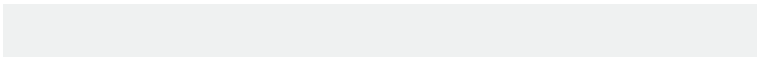
83.3129, 87.3718, 95.6925



83.3665, 87.3718, 94.9034



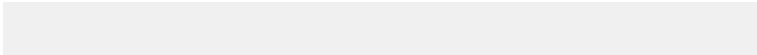
82.7762, 87.3718, 94.5758



82.7229, 87.3718, 95.3630

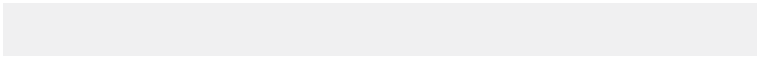
Sweetspot

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



83.3154, 87.3756, 95.6944

95.0500, 100.0000, 108.9000



82.9812, 87.2105, 95.6802



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

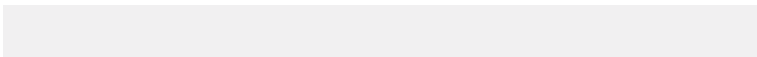
Same Dimension

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



83.3154, 87.3756, 95.6944

95.0500, 100.0000, 108.9000



83.2436, 87.3468, 95.3161



17.8044, 18.7317, 20.3988



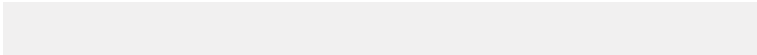
28.2770, 13.5827, 46.2592



2.3524, 1.1300, 3.8483

Inverse Universe

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



83.1670, 87.3162, 94.9129

95.0500, 100.0000, 108.9000



83.1936, 87.7581, 95.3722



17.8044, 18.7317, 20.3988



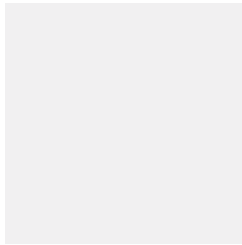
19.6716, 10.1411, 0.9211



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 83.3129, 87.3718, 95.6925 looks on a white background.

Color Contrast Check

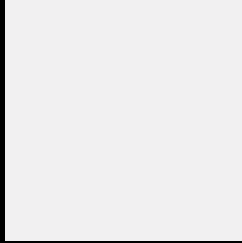
Large Text (above 18pt) WCAG AA × Fail

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 83.3129, 87.3718, 95.6925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

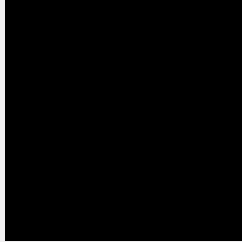
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

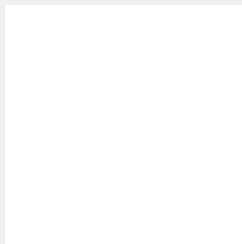
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3129, 87.3718, 95.6925

Background



This preview shows how black text looks on a background with the XYZ color 83.3129, 87.3718, 95.6925.



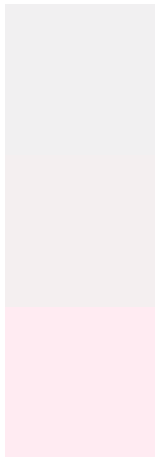
This preview shows how white text looks on a background with the XYZ color 83.3129, 87.3718, 95.6925.

95.6925.

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

83.3129, 87.3718, 95.6925

Protanopia

83.9029, 87.2574, 94.8583

Deuteranopia

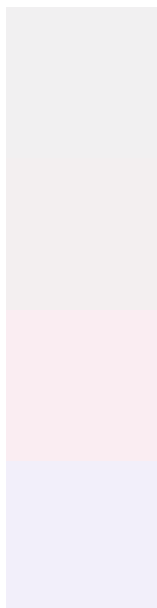
86.9753, 87.0875, 96.2299



Tritanopia

85.5867, 87.4238, 106.9713

Trichromacy



Original Color

83.3129, 87.3718, 95.6925

Protanomaly

83.5568, 87.0790, 94.8421

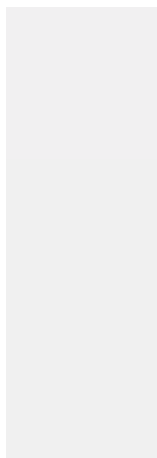
Deuteranomaly

85.7355, 87.3032, 96.3368

Tritanomaly

84.7398, 87.5124, 102.8678

Monochromacy



Original Color

83.3129, 87.3718, 95.6925

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.8234, 87.1367, 94.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3129, 87.3718, 95.6925 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(241, 240, 241) looks like.

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

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(241, 240, 241) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 83.3129, 87.3718, 95.6925 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(241, 240, 241) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 83.3129, 87.3718, 95.6925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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