

Converting Colors

XYZ(83.0432, 87.7156, 96.6029)

Have a look what the booklet for
XYZ(83.0432, 87.7156, 96.6029)
contains.

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Color

**XYZ(83.0789, 87.6721,
96.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF1F2
RGB	239, 241, 242
RGB Percent	94%, 95%, 95%
CMY	0.0627, 0.0549, 0.0510
CMYK	0.01, 0.00, 0.00, 0.05
HSL	200°, 10%, 94%
HSV	200°, 1%, 95%
XYZ	83.0789, 87.6721, 96.5481
YIQ	240.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

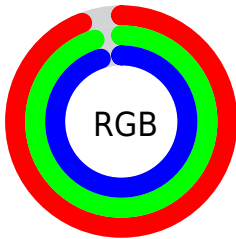
Format	Color
R _Y B	239, 240, 242
Decimal	15725042
CIE Lab	95.02, -0.48, -0.72
CIE LCh	95, 0.869, 236.444
Yxy	87.6721, 0.3108, 0.3280
Android (android.graphics.Color)	4293915122 (0xFFEFF1F2)
YUV	240.5160, 0.7316, -1.3295
Hunter-Lab	93.6334, -5.4792, 4.4077

Details

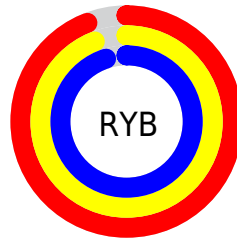
The XYZ color **83.0789, 87.6721, 96.5481** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3582, 87.4284, 94.1445**, and the grayscale version is **83.2262, 87.5605, 95.3534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7403, 48.3104, 53.3684** is the 20% darker color. If you saturate the color by 10%, you get **73.1241, 79.0894, 95.4175**, and if you desaturate by 10%, it is **91.1554, 95.4471, 97.6245**.

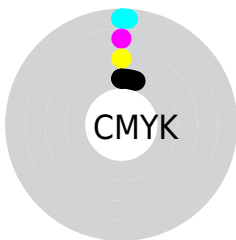
Distribution



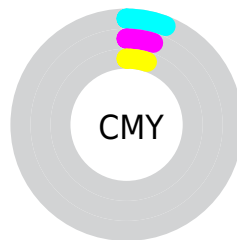
- Red (94%)
- Green (95%)
- Blue (95%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0789, 87.6721, 96.5481 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 83.0789, 87.6721, 96.5481 by changing the saturation by 10% instead.

83.0789, 87.6721,
96.5481

83.0789, 87.6721,
96.5481

493.8294,
520.4288, 570.2197

62.5724, 66.0515,
72.8201

136.6139,
144.1006, 158.4156

45.7527, 48.3142,
53.3380

170.3731,
179.6773, 197.3922

32.2545, 34.0758,
37.6831

209.2806,
220.6748, 242.2887

21.7125, 22.9518,
25.4369

253.7017,
267.4776, 293.5237

13.7612, 14.5580,
16.1809

304.0017,
320.4700, 351.5158

8.0353, 8.5097,
9.4965

360.5461,

4.1696, 4.4228,

380.0364, 416.6835

4.9652

423.7002,
446.5612, 489.4453

■ 1.7985, 1.9128,
2.1685

■ 0.5168, 0.5560,
0.6561

■ 83.0789, 87.6721,
96.5481

■ 83.0789, 87.6721,
96.5481

■ 73.1241, 79.0894,
95.4175

■ 91.1554, 95.4471,
97.6245

■ 64.3210, 71.2517,
94.3686

■ 93.0273, 99.1909,
98.2484

■ 56.6250, 64.1365,
93.4009

■ 49.9850, 57.7153,
92.5114

■ 44.3463, 51.9579,
91.6973

■ 39.6483, 46.8308,
90.9553

■ 35.8239, 42.2973,
90.2818

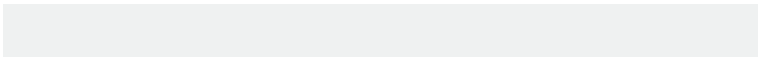
■ 32.7958, 38.3153,
89.6728

■ 30.4720, 34.8349,
89.1235

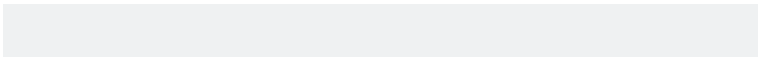
Harmonies

Analogous

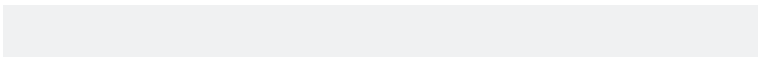
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9237, 87.6721, 96.0404



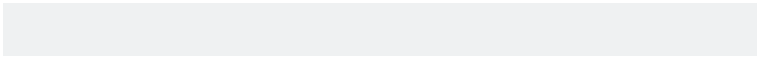
83.0789, 87.6721, 96.5481



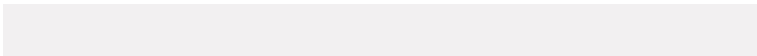
83.3015, 87.6721, 96.7642

Triad

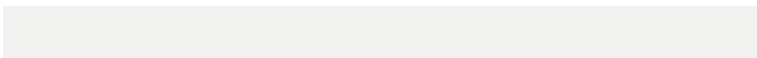
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0789, 87.6721, 96.5481



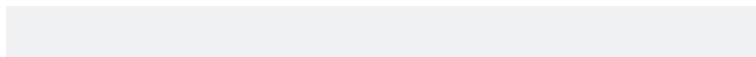
83.7838, 87.6721, 95.5407



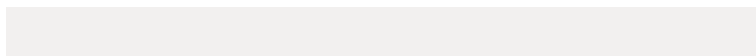
83.1276, 87.6721, 94.3001

Complementary

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



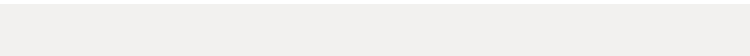
83.0789, 87.6721, 96.5481



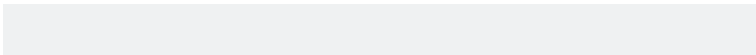
83.3582, 87.4284, 94.1445

Split Complementary

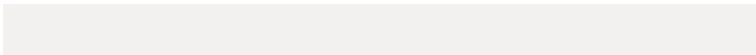
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3579, 87.6721, 94.1676



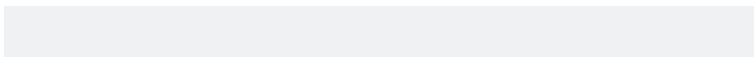
83.0789, 87.6721, 96.5481



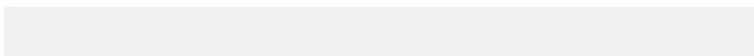
83.7370, 87.6721, 94.8819

Square

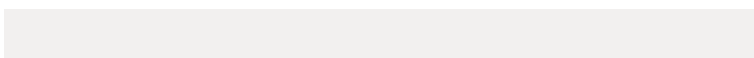
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



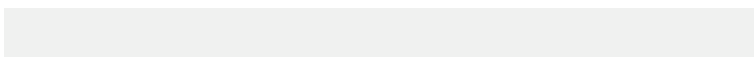
83.0789, 87.6721, 96.5481



83.7088, 87.6721, 96.1808



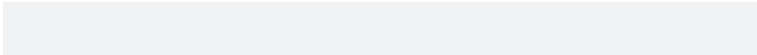
83.5810, 87.6721, 94.3801



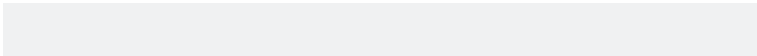
82.9518, 87.6721, 94.7428

Rectangle

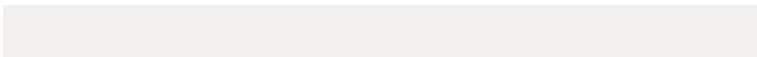
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



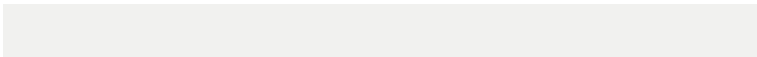
83.0789, 87.6721, 96.5481



83.4583, 87.6721, 96.7130



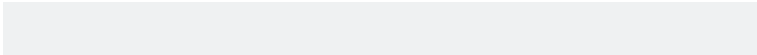
83.5810, 87.6721, 94.3801



83.2012, 87.6721, 94.2179

Sweetspot

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



83.0814, 87.6759, 96.5500

95.0500, 100.0000, 108.9000



83.0708, 88.1447, 95.0357



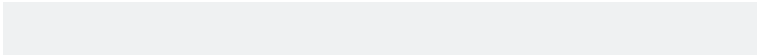
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

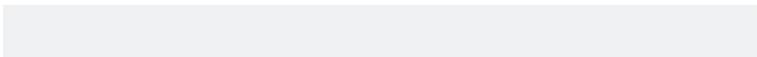
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0814, 87.6759, 96.5500



93.8486, 98.9806, 108.7666



82.6527, 86.8184, 96.4071



17.5918, 18.5513, 20.3752



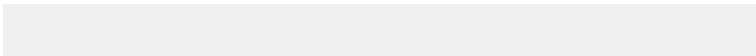
15.6487, 17.5217, 47.6851



1.3927, 1.6394, 3.9972

Inverse Universe

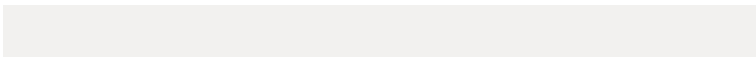
The Inverse Universe completely reimagines the original color for something new.



83.3635, 86.9627, 95.6153



94.1059, 98.3294, 107.9143



83.7879, 88.2880, 94.2878



17.6374, 18.4360, 20.2244



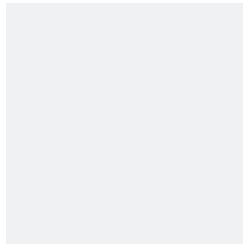
23.2244, 11.5622, 19.6299



1.9779, 0.9802, 1.8745

Previews

White Background



This preview shows how the XYZ color 83.0789, 87.6721, 96.5481 looks on a white background.

Color Contrast Check

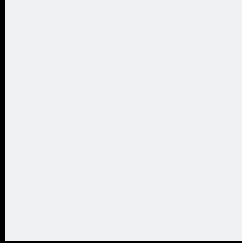
Large Text (above 18pt) WCAG AA × Fail

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 83.0789, 87.6721, 96.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

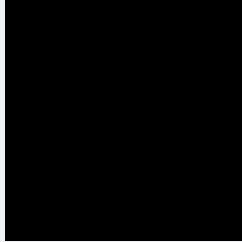
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

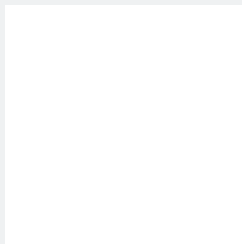
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0789, 87.6721, 96.5481

Background



This preview shows how black text looks on a background with the XYZ color 83.0789, 87.6721, 96.5481.



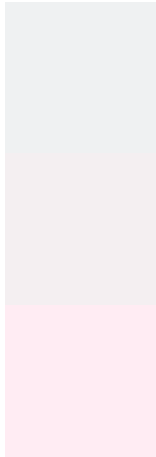
This preview shows how white text looks on a background with the XYZ color 83.0789, 87.6721,

96.5481.

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

83.0789, 87.6721, 96.5481

Protanopia

84.0519, 87.3170, 95.6429

Deuteranopia

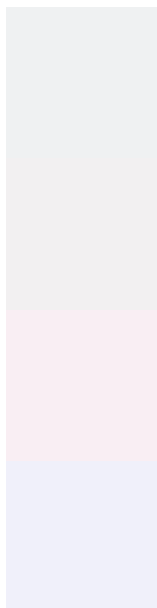
87.4131, 87.7220, 97.1189



Tritanopia

85.1921, 87.6538, 107.0365

Trichromacy



Original Color

83.0789, 87.6721, 96.5481

Protanomaly

83.6552, 87.5483, 95.7085

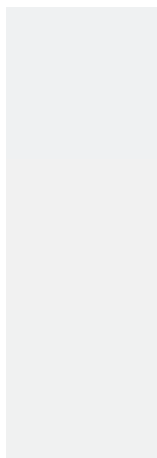
Deuteranomaly

85.8191, 87.7599, 97.2102

Tritanomaly

84.3506, 87.7476, 102.9337

Monochromacy



Original Color

83.0789, 87.6721, 96.5481

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.2677, 87.7867, 95.7749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0789, 87.6721, 96.5481 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(239, 241, 242) looks like.

```
.text, #text, p{  
    color:rgb(239, 241, 242)  
}
```

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(239, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 241, 242) }
```

Border

The CSS property to change the border of an element to XYZ 83.0789, 87.6721, 96.5481 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(239, 241, 242) }
```

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

```
.border{ border-color:rgb(239, 241, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 241, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 241, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 241, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 241,  
242) }
```


Background

The CSS property to change the background color of an element to XYZ 83.0789, 87.6721, 96.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 241, 242) }
```

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

```
.background{ background-color: rgb(239,  
241, 242) }
```

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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