

Converting Colors

XYZ(84.0311, 88.6765, 96.3407)

Have a look what the booklet for
XYZ(84.0311, 88.6765, 96.3407)
contains.

XYZ(84.0548, 88.6158, 96.6788)	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(84.0548, 88.6158,
96.6788)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F2F2
RGB	241, 242, 242
RGB Percent	95%, 95%, 95%
CMY	0.0549, 0.0510, 0.0510
CMYK	0.00, 0.00, 0.00, 0.05
HSL	180°, 4%, 95%
HSV	180°, 0%, 95%
XYZ	84.0548, 88.6158, 96.6788
YIQ	241.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 242, 242
Decimal	15856370
CIE Lab	95.42, -0.33, -0.13
CIE LCh	95, 0.351, 201.209
Yxy	88.6158, 0.3121, 0.3290
Android (android.graphics.Color)	4294046450 (0xFFFF1F2F2)
YUV	241.7010, 0.1474, -0.6148
Hunter-Lab	94.1360, -5.3538, 5.0036

Details

The XYZ color **84.0548, 88.6158, 96.6788** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9537, 88.1411, 95.8117**, and the grayscale version is **84.1631, 88.5462, 96.4268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4294, 48.9773, 53.4608** is the 20% darker color. If you saturate the color by 10%, you get **76.3231, 84.6341, 96.2445**, and if you desaturate by 10%, it is **89.0353, 91.1842, 96.9880**.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0548, 88.6158, 96.6788 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 84.0548, 88.6158, 96.6788 by changing the saturation by 10% instead.

84.0548, 88.6158,
96.6788

84.0548, 88.6158,
96.6788

497.0261,
523.5177, 570.6467

63.3805, 66.8332,
72.9284

137.9727,
145.4142, 158.5974

46.4089, 48.9491,
53.4260

171.9470,
181.1987, 197.6027

32.7746, 34.5791,
37.7529

211.0855,
222.4194, 242.5300

22.1123, 23.3388,
25.4906

255.7533,
269.4605, 293.7980

14.0565, 14.8439,
16.2206

306.3159,
322.7065, 351.8251

8.2419, 8.7099,
9.5244

363.1387,

4.3032, 4.5524,

382.5418, 417.0299

4.9833

426.5870,
449.3507, 489.8309

■ 1.8751, 1.9871,
2.1789

■ 0.5623, 0.6000,
0.6622

■ 84.0548, 88.6158,
96.6788

■ 84.0548, 88.6158,
96.6788

■ 76.3231, 84.6341,
96.2445

■ 89.0353, 91.1842,
96.9880

■ 69.6433, 81.1922,
95.8577


■ 89.0496, 91.1899,
97.0630


■ 63.9722, 78.2703,
95.5180


■ 89.0638, 91.1956,
97.1381


■ 59.2607, 75.8430,
95.2234


■ 89.0781, 91.2013,
97.2132


 55.4556, 73.8831,
94.9712


 89.0923, 91.2070,
97.2883


 52.4985, 72.3603,
94.7587


 89.1066, 91.2127,
97.3635

 50.3242, 71.2410,
94.5829

 89.1209, 91.2184,
97.4387

 48.8581, 70.4869,
94.4403

 89.1352, 91.2242,
97.5140

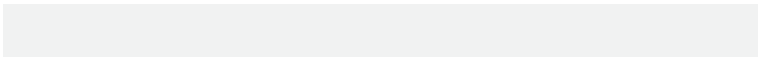
 48.0111, 70.0519,
94.3267

 89.1495, 91.2299,
97.5893

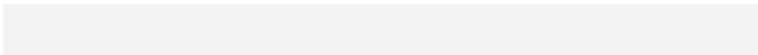
Harmonies

Analogous

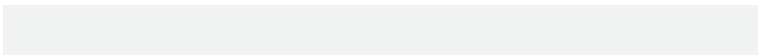
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0445, 88.6158, 96.4068



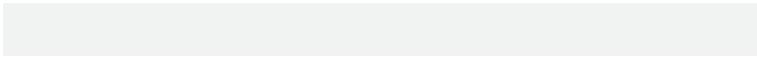
84.0548, 88.6158, 96.6788



84.1111, 88.6158, 96.8999

Triad

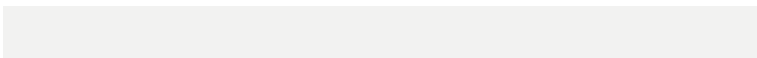
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0548, 88.6158, 96.6788



84.3705, 88.6158, 96.8189



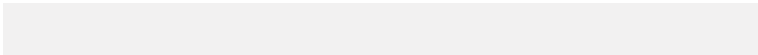
84.2549, 88.6158, 95.9664

Complementary

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



84.0548, 88.6158, 96.6788



83.9537, 88.1411, 95.8117

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.



84.3423, 88.6158, 96.0763



84.0548, 88.6158, 96.6788



84.4091, 88.6158, 96.5683

Square

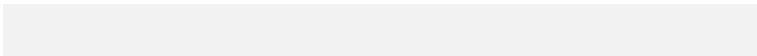
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



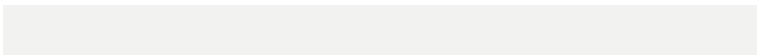
84.0548, 88.6158, 96.6788



84.2934, 88.6158, 96.9809



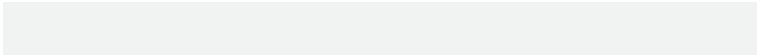
84.3988, 88.6158, 96.2965



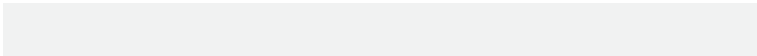
84.1599, 88.6158, 95.9959

Rectangle

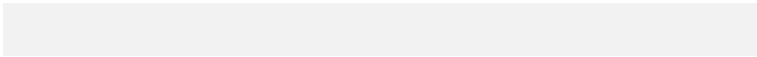
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



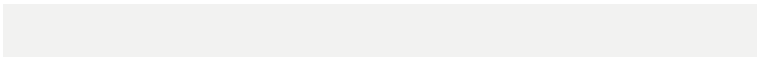
84.0548, 88.6158, 96.6788



84.1673, 88.6158, 96.9886



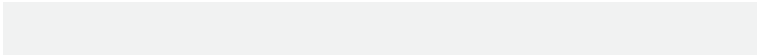
84.3988, 88.6158, 96.2965



84.2861, 88.6158, 95.9882

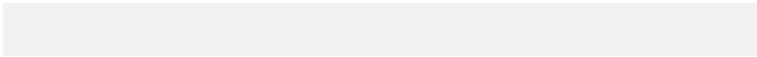
Sweetspot

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



84.0573, 88.6196, 96.6807

95.0500, 100.0000, 108.9000



83.9132, 88.5626, 95.8921



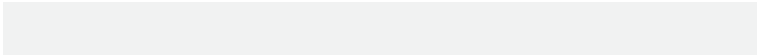
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

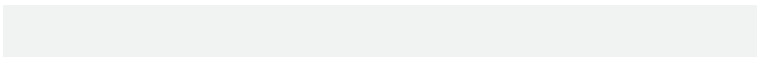
Same Dimension

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



84.0573, 88.6196, 96.6807

95.0500, 100.0000, 108.9000



83.9137, 88.3314, 96.6358



17.8044, 18.7317, 20.3988



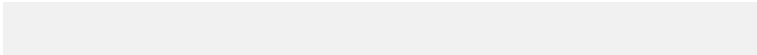
25.5924, 37.5290, 50.6299



2.1299, 3.1224, 4.2165

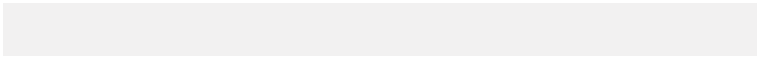
Inverse Universe

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



83.9537, 88.1411, 95.8117

95.0500, 100.0000, 108.9000



84.0970, 88.4285, 95.8565



17.8044, 18.7317, 20.3988



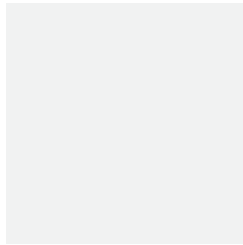
19.6754, 10.1426, 0.9413



1.6377, 0.8441, 0.0829

Previews

White Background



This preview shows how the XYZ color 84.0548, 88.6158, 96.6788 looks on a white background.

Color Contrast Check

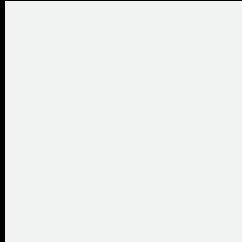
Large Text (above 18pt) WCAG AA × Fail

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 84.0548, 88.6158, 96.6788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

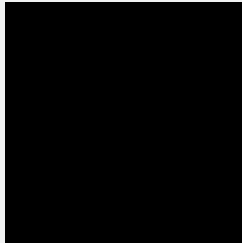
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

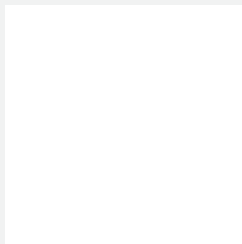
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0548, 88.6158, 96.6788

Background



This preview shows how black text looks on a background with the XYZ color 84.0548, 88.6158, 96.6788.



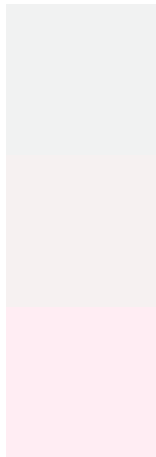
This preview shows how white text looks on a background with the XYZ color 84.0548, 88.6158,

96.6 88.

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

84.0548, 88.6158, 96.6788

Protanopia

85.3385, 88.8543, 95.8719

Deuteranopia

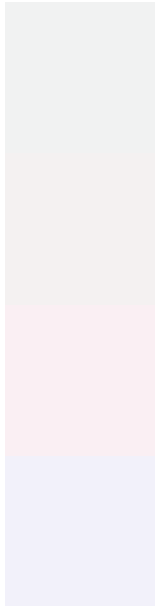
87.7018, 88.2994, 97.2151



Tritanopia

86.1722, 88.5949, 107.1665

Trichromacy



Original Color

84.0548, 88.6158, 96.6788

Protanomaly

84.6407, 88.4946, 95.8392

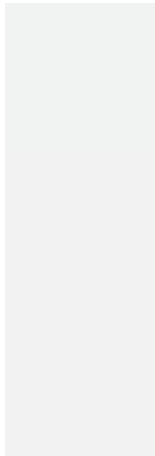
Deuteranomaly

86.4685, 88.5281, 97.3243

Tritanomaly

85.3286, 88.6900, 103.0641

Monochromacy



Original Color

84.0548, 88.6158, 96.6788

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.3971, 88.7923, 96.6948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0548, 88.6158, 96.6788 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, 242, 242) looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 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(241, 242, 242) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 84.0548, 88.6158, 96.6788 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, 242, 242) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 84.0548, 88.6158, 96.6788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(241,  
242, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor