

Converting Colors

XYZ(84.4325, 88.3166, 95.0348)

Have a look what the booklet for
XYZ(84.4325, 88.3166, 95.0348)
contains.

XYZ(84.4917, 88.4350, 95.0545)	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(84.4917, 88.4350,
95.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F1F0
RGB	244, 241, 240
RGB Percent	96%, 95%, 94%
CMY	0.0431, 0.0549, 0.0588
CMYK	0.00, 0.01, 0.02, 0.04
HSL	15°, 15%, 95%
HSV	15°, 2%, 96%
XYZ	84.4917, 88.4350, 95.0545
YIQ	241.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

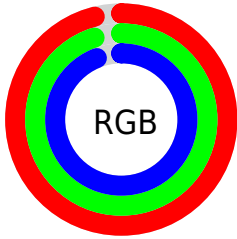
Format	Color
R_{YB}	244, 241, 240
Decimal	16052720
CIE Lab	95.34, 0.83, 0.83
CIE LCh	95, 1.170, 44.827
Yxy	88.4350, 0.3153, 0.3300
Android (android.graphics.Color)	4294242800 (0xFF4F1F0)
YUV	241.7830, -0.8790, 1.9443
Hunter-Lab	94.0399, -4.1935, 5.8982

Details

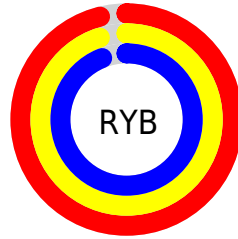
The XYZ color **84.4917, 88.4350, 95.0545** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3148, 89.1568, 98.3542**, and the grayscale version is **84.2343, 88.6210, 96.5083**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7397, 48.8500, 52.3129** is the 20% darker color. If you saturate the color by 10%, you get **75.9681, 76.8030, 75.5165**, and if you desaturate by 10%, it is **91.1187, 97.9734, 108.7160**.

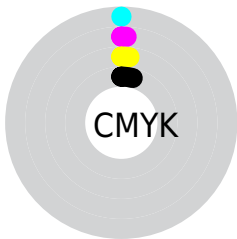
Distribution



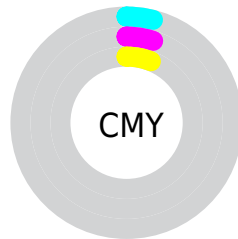
- Red (96%)
- Green (95%)
- Blue (94%)



- Red (96%)
- Yellow (95%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4917, 88.4350, 95.0545 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 84.4917, 88.4350, 95.0545 by changing the saturation by 10% instead.

84.4917, 88.4350,
95.0545

84.4917, 88.4350,
95.0545

498.4537,
522.9267, 565.3282

63.7426, 66.6834,
71.5832

138.5805,
145.1626, 156.3361

46.7031, 48.8274,
52.3335

172.6508,
180.9074, 194.9835

33.0080, 34.4826,
36.8869

211.8923,
222.0854, 239.5267

22.2918, 23.2646,
24.8248

256.6702,
269.0809, 290.3842

14.1893, 14.7890,
15.7288

307.3500,
322.2784, 347.9746

8.3350, 8.6714,
9.1802

364.2969,

4.3637, 4.5275,

382.0623, 412.7163

4.7605

427.8763,
448.8169, 485.0280

■ 1.9099, 1.9728,
2.0511

■ 0.5826, 0.5916,
0.5865

■ 84.4917, 88.4350,
95.0545

■ 84.4917, 88.4350,
95.0545

■ 75.9681, 76.8030,
75.5165

■ 91.1187, 97.9734,
108.7160

■ 68.4369, 66.4078,
58.6174

■ 61.8632, 57.2117,
44.2453

■ 56.2076, 49.1707,
32.2778

■ 51.4273, 42.2384,
22.5821

■ 47.4764, 36.3647,
15.0128

■ 44.3043, 31.4957,
9.4071

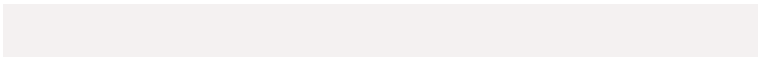
■ 41.8542, 27.5725,
5.5786

■ 40.0605, 24.5292,
3.3038

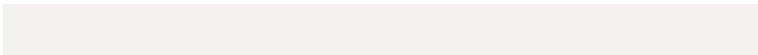
Harmonies

Analogous

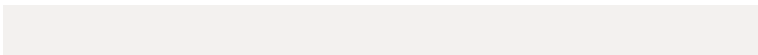
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6507, 88.4350, 95.8407



84.4917, 88.4350, 95.0545



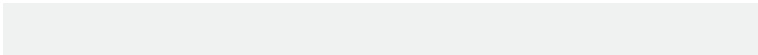
84.2159, 88.4350, 94.6010

Triad

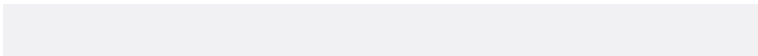
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4917, 88.4350, 95.0545



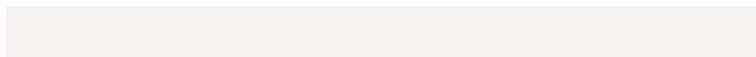
83.4627, 88.4350, 95.8305



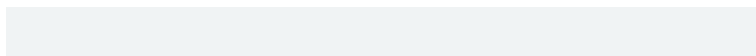
84.2123, 88.4350, 98.0032

Complementary

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



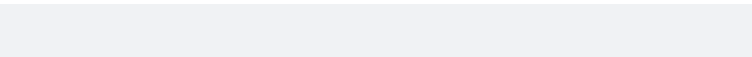
84.4917, 88.4350, 95.0545



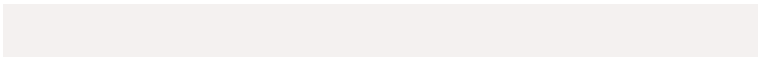
84.3148, 89.1568, 98.3542

Split Complementary

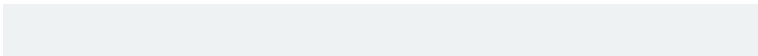
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.8940, 88.4350, 98.0004



84.4917, 88.4350, 95.0545



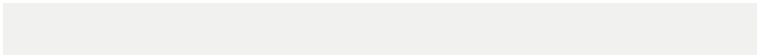
83.4618, 88.4350, 96.7420

Square

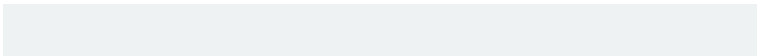
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



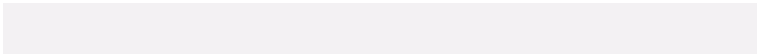
84.4917, 88.4350, 95.0545



83.6221, 88.4350, 95.0470



83.6194, 88.4350, 97.5375



84.4891, 88.4350, 97.5451

Rectangle

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



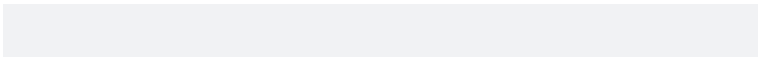
84.4917, 88.4350, 95.0545



84.0031, 88.4350, 94.5465



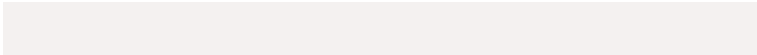
83.6194, 88.4350, 97.5375



84.1066, 88.4350, 98.0562

Sweetspot

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



84.4942, 88.4388, 95.0564

95.0500, 100.0000, 108.9000



84.6472, 88.0256, 97.3245



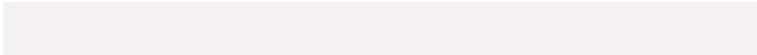
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



84.4942, 88.4388, 95.0564



93.0332, 97.2630, 104.2306



85.0882, 89.6268, 95.2544



18.2549, 19.0914, 20.4769



21.2922, 12.4701, 1.2847



1.9499, 1.2531, 0.1391

Inverse Universe

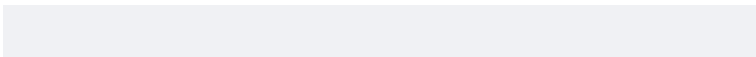
The Inverse Universe completely reimagines the original color for something new.



84.3148, 89.1568, 98.3542



92.7914, 98.2312, 108.6776



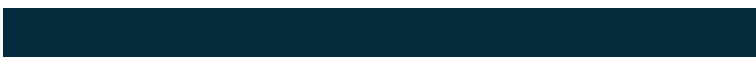
83.7209, 87.9688, 98.1562



18.2100, 19.2711, 21.3025



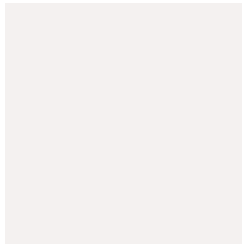
18.1712, 22.1362, 49.8530



1.6782, 2.1079, 4.4086

Previews

White Background



This preview shows how the XYZ color 84.4917, 88.4350, 95.0545 looks on a white background.

Color Contrast Check

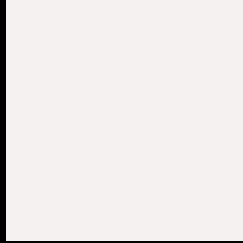
Large Text (above 18pt) WCAG AA × Fail

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 84.4917, 88.4350, 95.0545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

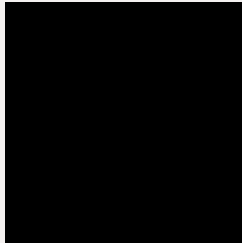
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

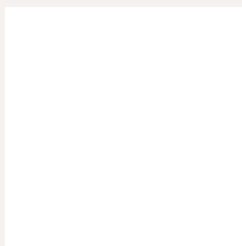
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4917, 88.4350, 95.0545

Background



This preview shows how black text looks on a background with the XYZ color 84.4917, 88.4350, 95.0545.



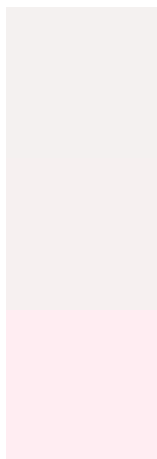
This preview shows how white text looks on a background with the XYZ color 84.4917, 88.4350,

95.0545.

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

84.4917, 88.4350, 95.0545

Protanopia

84.8943, 88.2043, 94.9888

Deuteranopia

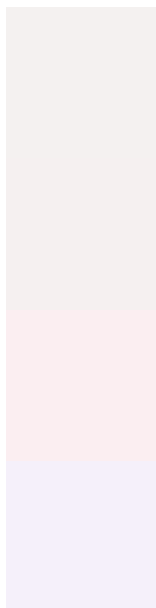
87.5512, 88.2392, 96.4218



Tritanopia

86.9225, 88.5458, 107.1175

Trichromacy



Original Color

84.4917, 88.4350, 95.0545

Protanomaly

84.5445, 88.0239, 94.9724

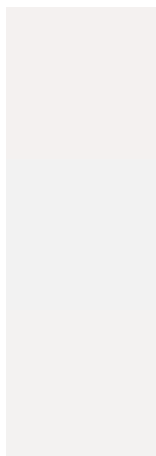
Deuteranomaly

86.2354, 88.0092, 95.6615

Tritanomaly

86.0716, 88.6348, 103.0142

Monochromacy



Original Color

84.4917, 88.4350, 95.0545

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5915, 88.9098, 95.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4917, 88.4350, 95.0545 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(244, 241, 240) looks like.

```
.text, #text, p{  
    color:rgb(244, 241, 240)  
}
```

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(244, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 241, 240) }
```

Border

The CSS property to change the border of an element to XYZ 84.4917, 88.4350, 95.0545 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(244, 241, 240) }
```

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

```
.border{ border-color:rgb(244, 241, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 241, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 241,  
240) }
```


Background

The CSS property to change the background color of an element to XYZ 84.4917, 88.4350, 95.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 241, 240) }
```

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

```
.background{ background-color: rgb(244,  
241, 240) }
```

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