

Converting Colors

XYZ(85.0794, 89.2469, 99.0250)

Have a look what the booklet for
XYZ(85.0794, 89.2469, 99.0250)
contains.

XYZ(84.8515, 88.9741, 99.0878)	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(84.8515, 88.9741,
99.0878)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F2F5
RGB	242, 242, 245
RGB Percent	95%, 95%, 96%
CMY	0.0510, 0.0510, 0.0392
CMYK	0.01, 0.01, 0.00, 0.04
HSL	240°, 13%, 95%
HSV	240°, 1%, 96%
XYZ	84.8515, 88.9741, 99.0878
YIQ	242.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

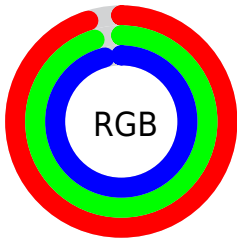
Format	Color
R _Y B	242, 242, 245
Decimal	15921909
CIE Lab	95.57, 0.54, -1.45
CIE LCh	96, 1.548, 290.343
Yxy	88.9741, 0.3109, 0.3260
Android (android.graphics.Color)	4294111989 (0xFFFF2F2F5)
YUV	242.3420, 1.3104, -0.2999
Hunter-Lab	94.3261, -4.5001, 3.7452

Details

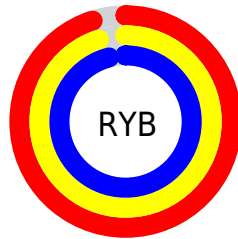
The XYZ color **84.8515, 88.9741, 99.0878** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.3357, 91.1270, 97.0445**, and the grayscale version is **84.6616, 89.0706, 96.9979**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9939, 49.2310, 55.1698** is the 20% darker color. If you saturate the color by 10%, you get **70.1986, 71.3261, 96.4550**, and if you desaturate by 10%, it is **93.4817, 99.3727, 100.6414**.

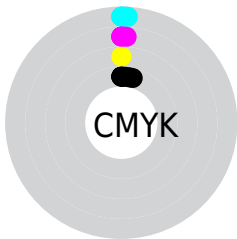
Distribution



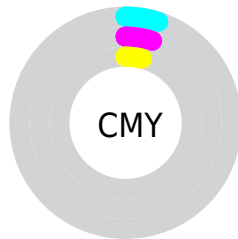
- Red (95%)
- Green (95%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8515, 88.9741, 99.0878 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 84.8515, 88.9741, 99.0878 by changing the saturation by 10% instead.

84.8515, 88.9741,
99.0878

84.8515, 88.9741,
99.0878

499.6276,
524.6880, 578.4858

64.0408, 67.1301,
74.9263

139.0808,
145.9125, 161.9440

46.9455, 49.1904,
55.0512

173.2300,
181.7758, 201.4757

33.2003, 34.7705,
39.0438

212.5562,
223.0809, 246.9680

22.4399, 23.4861,
26.4857

257.4246,
270.2122, 298.8393

14.2989, 14.9529,
16.9583

308.2005,
323.5542, 357.5082

8.4120, 8.7863,
10.0431

365.2495,

4.4137, 4.6021,

383.4912, 423.3932

5.3216

428.9367,
450.4077, 496.9129

■ 1.9387, 2.0157,
2.3751

■ 0.5992, 0.6166,
0.7729

■ 84.8515, 88.9741,
99.0878

■ 84.8515, 88.9741,
99.0878

■ 70.1986, 71.3261,
96.4550

■ 93.4817, 99.3727,
100.6414

■ 57.5608, 56.1033,
94.1828

■ 46.8524, 43.2034,
92.2573

■ 37.9785, 32.5122,
90.6614

■ 30.8362, 23.9058,
89.3766

■ 25.3125, 17.2484,
88.3827

■ 21.2809, 12.3879,
87.6570

■ 18.5965, 9.1496,
87.1735

■ 17.0851, 7.3244,
86.9009

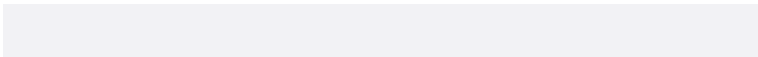
Harmonies

Analogous

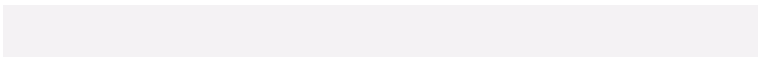
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4303, 88.9741, 99.2023



84.8515, 88.9741, 99.0878



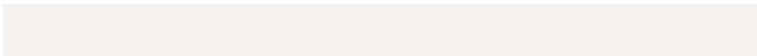
85.1977, 88.9741, 98.3784

Triad

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



84.8515, 88.9741, 99.0878



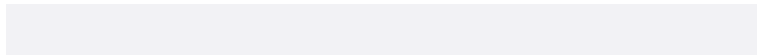
85.0896, 88.9741, 95.0877



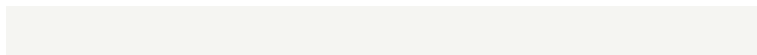
83.7645, 88.9741, 96.4857

Complementary

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



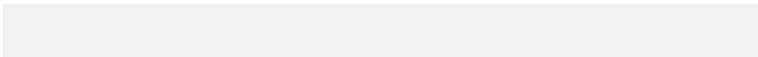
84.8515, 88.9741, 99.0878



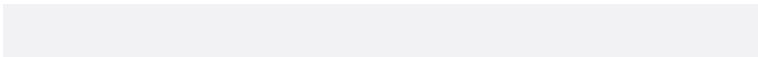
86.3357, 91.1270, 97.0445

Split Complementary

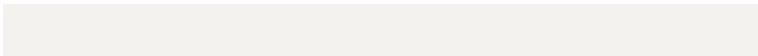
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9399, 88.9741, 95.3923



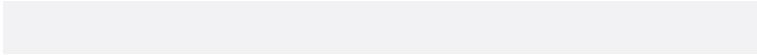
84.8515, 88.9741, 99.0878



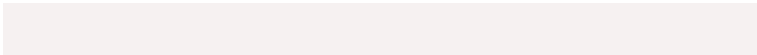
84.7043, 88.9741, 94.5896

Square

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



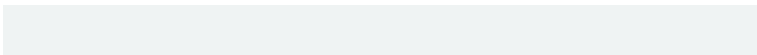
84.8515, 88.9741, 99.0878



85.3354, 88.9741, 96.0667



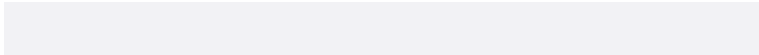
84.2836, 88.9741, 94.7006



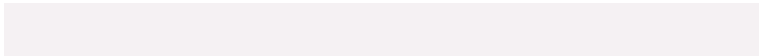
83.8036, 88.9741, 97.6932

Rectangle

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



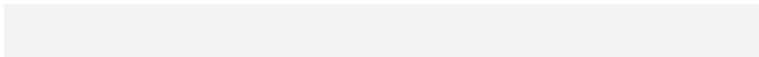
84.8515, 88.9741, 99.0878



85.3388, 88.9741, 97.6668



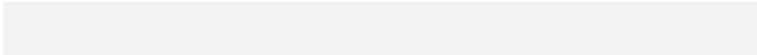
84.2836, 88.9741, 94.7006



83.8003, 88.9741, 96.0928

Sweetspot

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



84.8540, 88.9779, 99.0897

95.0500, 100.0000, 108.9000



85.7455, 90.7730, 99.3492



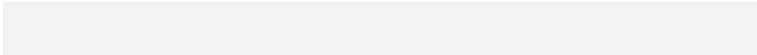
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

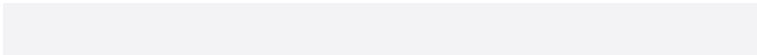
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8540, 88.9779, 99.0897



93.3111, 97.9056, 108.5874



85.3525, 89.2330, 99.1127



18.3065, 19.2107, 21.2858



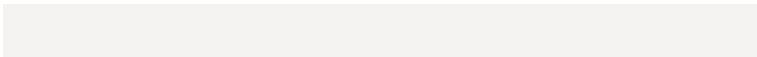
8.8817, 3.5573, 46.7565



0.7813, 0.3139, 4.1097

Inverse Universe

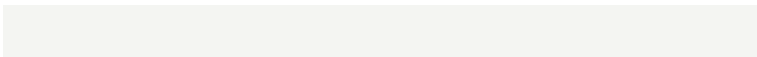
The Inverse Universe completely reimagines the original color for something new.



85.4373, 89.3291, 96.7482



93.8346, 98.2209, 106.4857



85.8330, 90.8697, 97.0214



18.4037, 19.2692, 20.8957



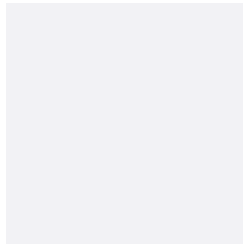
20.2876, 10.4585, 0.9570



1.7834, 0.9193, 0.0858

Previews

White Background



This preview shows how the XYZ color 84.8515, 88.9741, 99.0878 looks on a white background.

Color Contrast Check

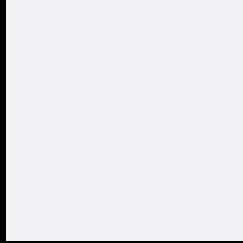
Large Text (above 18pt) WCAG AA × Fail

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 84.8515, 88.9741, 99.0878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

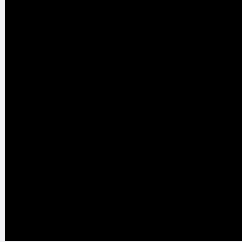
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

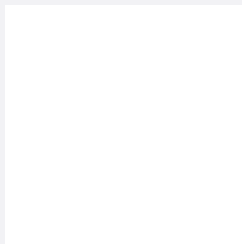
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8515, 88.9741, 99.0878

Background



This preview shows how black text looks on a background with the XYZ color 84.8515, 88.9741, 99.0878.



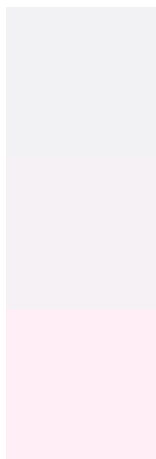
This preview shows how white text looks on a background with the XYZ color 84.8515, 88.9741,

99.0878.

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

84.8515, 88.9741, 99.0878

Protanopia

85.7905, 89.0351, 98.2518

Deuteranopia

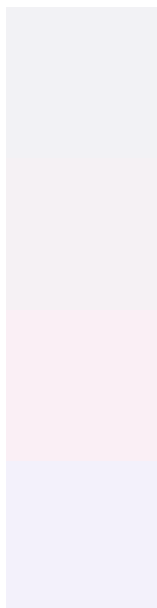
88.2960, 89.0016, 98.9115



Tritanopia

86.5183, 88.7733, 107.1827

Trichromacy



Original Color

84.8515, 88.9741, 99.0878

Protanomaly

85.4406, 88.8547, 98.2354

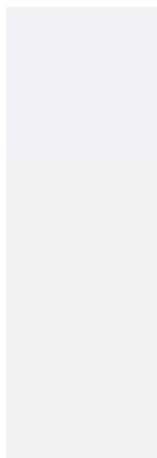
Deuteranomaly

86.7723, 88.6496, 98.9239

Tritanomaly

85.8300, 88.9303, 103.9083

Monochromacy



Original Color

84.8515, 88.9741, 99.0878

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5477, 88.8526, 97.4881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8515, 88.9741, 99.0878 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(242, 242, 245) looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 245)  
}
```

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(242, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 245) }
```

Border

The CSS property to change the border of an element to XYZ 84.8515, 88.9741, 99.0878 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(242, 242, 245) }
```

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

```
.border{ border-color:rgb(242, 242, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 242, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 84.8515, 88.9741, 99.0878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 245) }
```

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

```
.background{ background-color: rgb(242,  
242, 245) }
```

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