

Converting Colors

XYZ(84.1403, 88.6739, 98.6627)

Have a look what the booklet for
XYZ(84.1403, 88.6739, 98.6627)
contains.

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Color

**XYZ(84.0164, 88.5612,
98.2538)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F2F4
RGB	240, 242, 244
RGB Percent	94%, 95%, 96%
CMY	0.0588, 0.0510, 0.0431
CMYK	0.02, 0.01, 0.00, 0.04
HSL	210°, 15%, 95%
HSV	210°, 2%, 96%
XYZ	84.0164, 88.5612, 98.2538
YIQ	241.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

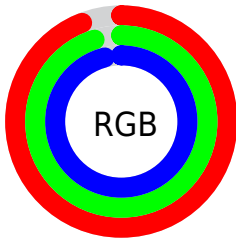
Format	Color
R _Y B	240, 241, 244
Decimal	15790836
CIE Lab	95.40, -0.30, -1.20
CIE LCh	95, 1.242, 255.956
Yxy	88.5612, 0.3102, 0.3270
Android (android.graphics.Color)	4293980916 (0xFFFF0F2F4)
YUV	241.6300, 1.1684, -1.4295
Hunter-Lab	94.1070, -5.3267, 3.9722

Details

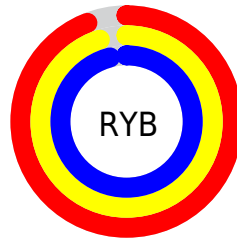
The XYZ color **84.0164, 88.5612, 98.2538** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.7885, 89.0274, 95.1544**, and the grayscale version is **84.1000, 88.4797, 96.3544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4032, 48.9390, 54.5774** is the 20% darker color. If you saturate the color by 10%, you get **72.7806, 77.5700, 96.7258**, and if you desaturate by 10%, it is **93.0683, 98.7897, 99.7523**.

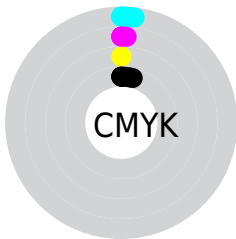
Distribution



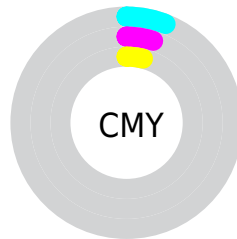
- Red (94%)
- Green (95%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0164, 88.5612, 98.2538 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 84.0164, 88.5612, 98.2538 by changing the saturation by 10% instead.

84.0164, 88.5612,
98.2538

84.0164, 88.5612,
98.2538

496.9005,
523.3393, 575.7783

63.3487, 66.7879,
74.2343

137.9193,
145.3382, 160.7863

46.3831, 48.9123,
54.4879

171.8852,
181.1108, 200.1364

32.7541, 34.5499,
38.5960

211.0145,
222.3185, 245.4337

22.0965, 23.3164,
26.1402

255.6727,
269.3459, 297.0969

14.0448, 14.8273,
16.7018

306.2250,
322.5772, 355.5444

8.2338, 8.6983,
9.8624

363.0369,

4.2979, 4.5449,

382.3970, 421.1948

5.2034

426.4736,
449.1896, 494.4666

■ 1.8720, 1.9828,
2.3063

■ 0.5605, 0.5975,
0.7347

■ 84.0164, 88.5612,
98.2538

■ 84.0164, 88.5612,
98.2538

■ 72.7806, 77.5700,
96.7258

■ 93.0683, 98.7897,
99.7523

■ 62.8485, 67.5995,
95.3248

■ 93.3294, 99.3118,
99.8394

■ 54.1708, 58.6198,
94.0489

■ 46.6920, 50.5948,
92.8941

■ 40.3520, 43.4860,
91.8561

■ 35.0853, 37.2517,
90.9304

■ 30.8188, 31.8461,
90.1118

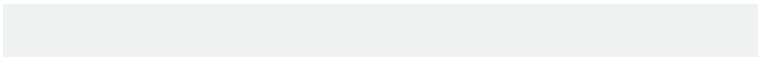
■ 27.4691, 27.2177,
89.3950

■ 24.9369, 23.3063,
88.7735

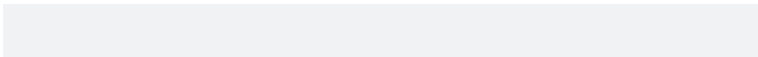
Harmonies

Analogous

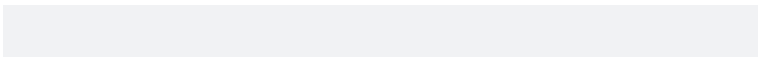
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7216, 88.5612, 97.7787



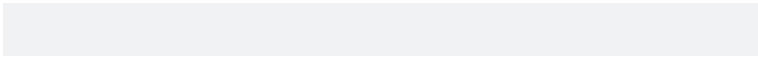
84.0164, 88.5612, 98.2538



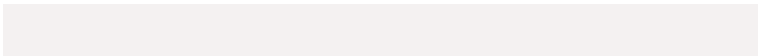
84.3544, 88.5612, 98.2374

Triad

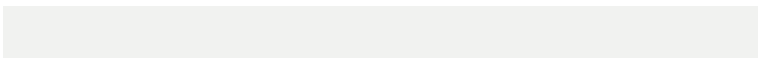
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0164, 88.5612, 98.2538



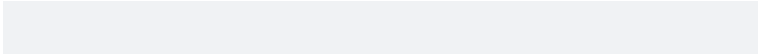
84.8042, 88.5612, 95.9149



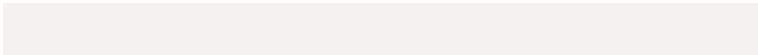
83.7062, 88.5612, 95.1337

Complementary

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



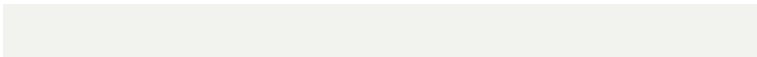
84.0164, 88.5612, 98.2538



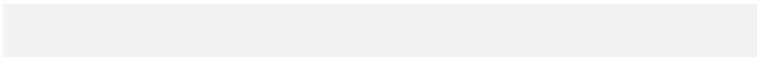
84.7885, 89.0274, 95.1544

Split Complementary

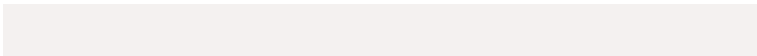
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9954, 88.5612, 94.6411



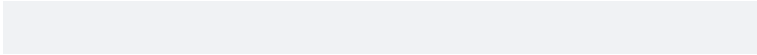
84.0164, 88.5612, 98.2538



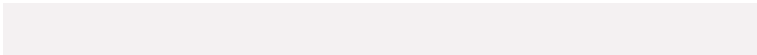
84.6296, 88.5612, 95.0900

Square

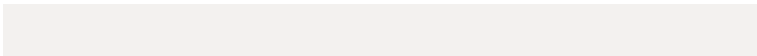
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



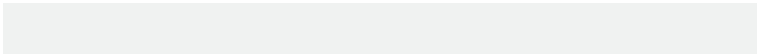
84.0164, 88.5612, 98.2538



84.8099, 88.5612, 96.8826



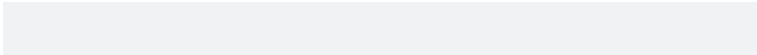
84.3333, 88.5612, 94.6251



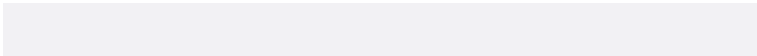
83.5428, 88.5612, 95.9750

Rectangle

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



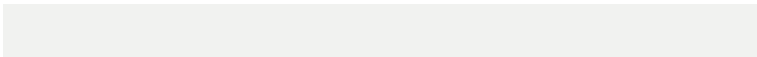
84.0164, 88.5612, 98.2538



84.5588, 88.5612, 97.9499



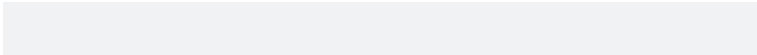
84.3333, 88.5612, 94.6251



83.7919, 88.5612, 94.9221

Sweetspot

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



84.0189, 88.5650, 98.2557

95.0500, 100.0000, 108.9000



84.3041, 89.6348, 96.8111



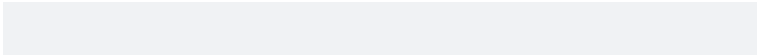
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

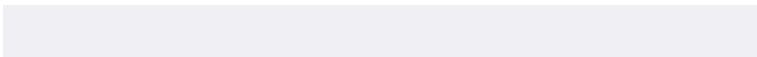
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0189, 88.5650, 98.2557



92.3921, 97.4327, 108.5446



83.4452, 87.4176, 98.0645



18.1359, 19.1229, 21.2778



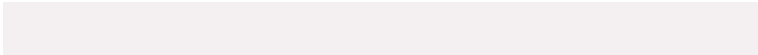
12.8172, 11.4282, 48.0683



1.2293, 1.2100, 4.2590

Inverse Universe

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



84.4972, 87.9656, 96.5345



93.0375, 96.6263, 106.2214



85.3683, 90.1870, 95.3477



18.2557, 18.9731, 20.8466



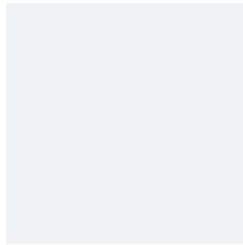
22.2740, 11.2531, 11.4174



2.0095, 1.0098, 1.2767

Previews

White Background



This preview shows how the XYZ color 84.0164, 88.5612, 98.2538 looks on a white background.

Color Contrast Check

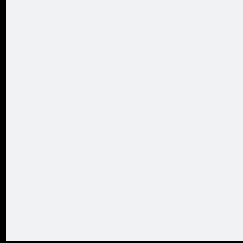
Large Text (above 18pt) WCAG AA × Fail

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 84.0164, 88.5612, 98.2538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

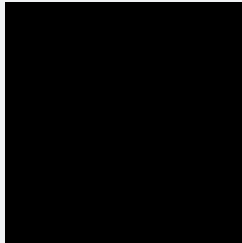
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

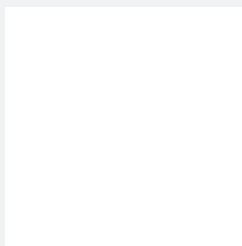
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0164, 88.5612, 98.2538

Background



This preview shows how black text looks on a background with the XYZ color 84.0164, 88.5612, 98.2538.



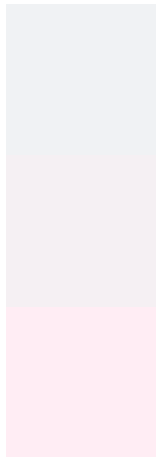
This preview shows how white text looks on a background with the XYZ color 84.0164, 88.5612,

98.2538.

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

84.0164, 88.5612, 98.2538

Protanopia

84.9939, 88.2037, 97.3394

Deuteranopia

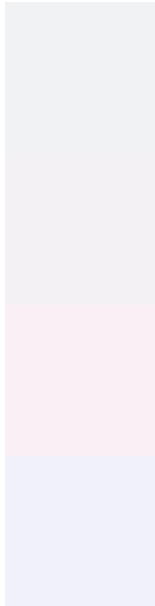
87.8533, 88.3600, 98.0128



Tritanopia

85.8280, 88.4174, 107.1504

Trichromacy



Original Color

84.0164, 88.5612, 98.2538

Protanomaly

84.5951, 88.4363, 97.4053

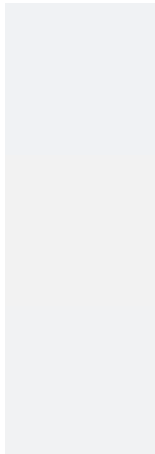
Deuteranomaly

86.6200, 88.5887, 98.1219

Tritanomaly

85.1435, 88.5764, 103.8762

Monochromacy



Original Color

84.0164, 88.5612, 98.2538

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2054, 88.6761, 97.4721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0164, 88.5612, 98.2538 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(240, 242, 244) looks like.

```
.text, #text, p{  
    color:rgb(240, 242, 244)  
}
```

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(240, 242, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 244) }
```

Border

The CSS property to change the border of an element to XYZ 84.0164, 88.5612, 98.2538 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(240, 242, 244) }
```

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

```
.border{ border-color:rgb(240, 242, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 242, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 242, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 242, 244);  
box-shadow:4px 4px 4px 4px rgb(240, 242,  
244) }
```


Background

The CSS property to change the background color of an element to XYZ 84.0164, 88.5612, 98.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 242, 244) }
```

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

```
.background{ background-color: rgb(240,  
242, 244) }
```

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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