

Converting Colors

XYZ(84.5805, 90.0078, 97.9861)

Have a look what the booklet for
XYZ(84.5805, 90.0078, 97.9861)
contains.

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Color

**XYZ(84.7652, 90.3011,
97.7563)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F5F3
RGB	240, 245, 243
RGB Percent	94%, 96%, 95%
CMY	0.0588, 0.0392, 0.0471
CMYK	0.02, 0.00, 0.01, 0.04
HSL	156°, 20%, 95%
HSV	156°, 2%, 96%
XYZ	84.7652, 90.3011, 97.7563
YIQ	243.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

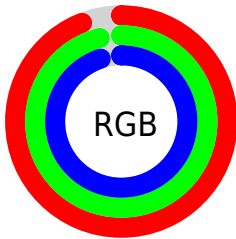
Format	Color
R _Y B	240, 243, 245
Decimal	15791603
CIE Lab	96.12, -2.00, 0.37
CIE LCh	96, 2.038, 169.489
Yxy	90.3011, 0.3107, 0.3310
Android (android.graphics.Color)	4293981683 (0xFF0F5F3)
YUV	243.2770, -0.1366, -2.8739
Hunter-Lab	95.0269, -7.0728, 5.5259

Details

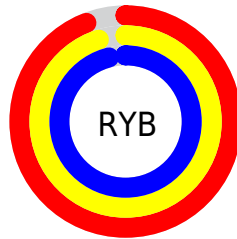
The XYZ color **84.7652, 90.3011, 97.7563** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8465, 88.1457, 96.5506**, and the grayscale version is **85.4165, 89.8648, 97.8628**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9344, 50.1734, 54.2244** is the 20% darker color. If you saturate the color by 10%, you get **75.5610, 85.7254, 89.7976**, and if you desaturate by 10%, it is **91.5940, 93.6482, 106.0209**.

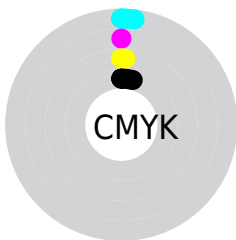
Distribution



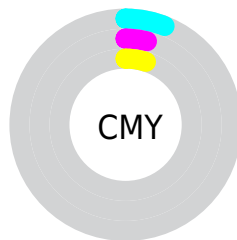
- Red (94%)
- Green (96%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7652, 90.3011, 97.7563 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 84.7652, 90.3011, 97.7563 by changing the saturation by 10% instead.

84.7652, 90.3011,
97.7563

84.7652, 90.3011,
97.7563

499.3462,
529.0098, 574.1600

63.9692, 68.2304,
73.8217

138.9608,
147.7566, 160.0953

46.8873, 50.0852,
54.1522

173.0911,
183.9101, 199.3367

33.1542, 35.4811,
38.3293

212.3970,
225.5267, 244.5174

22.4044, 24.0337,
25.9346

257.2437,
272.9908, 296.0560

14.2726, 15.3586,
16.5494

307.9966,
326.6868, 354.3711

8.3935, 9.0715,
9.7552

365.0211,

4.4017, 4.7878,

386.9990, 419.8811

5.1335

428.6825,
454.3119, 493.0045

■ 1.9318, 2.1233,
2.2657

■ 0.5952, 0.6777,
0.7119

■ 84.7652, 90.3011,
97.7563

■ 84.7652, 90.3011,
97.7563

■ 75.5610, 85.7254,
89.7976

■ 91.5940, 93.6482,
106.0209

■ 67.5105, 81.7329,
82.2981

■ 91.9441, 93.7883,
107.8647

■ 60.5675, 78.3024,
75.2509

■ 54.6792, 75.4069,
68.6468

■ 49.7889, 73.0174,
62.4762

■ 45.8339, 71.1016,
56.7292

■ 42.7443, 69.6238,
51.3952

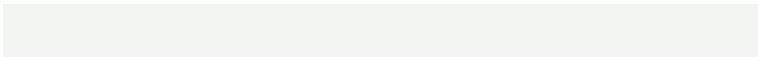
■ 40.4398, 68.5425,
46.4630

■ 38.8237, 67.8082,
41.9203

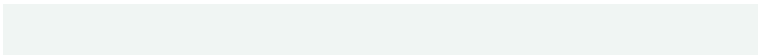
Harmonies

Analogous

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



85.0055, 90.3011, 96.3161



84.7652, 90.3011, 97.7563



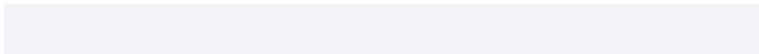
84.8088, 90.3011, 99.3638

Triad

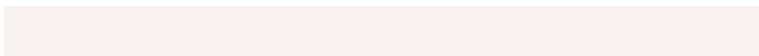
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7652, 90.3011, 97.7563



86.1913, 90.3011, 101.2836



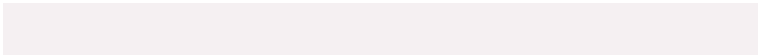
86.5358, 90.3011, 95.9770

Complementary

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



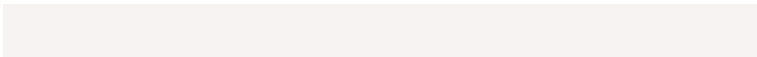
84.7652, 90.3011, 97.7563



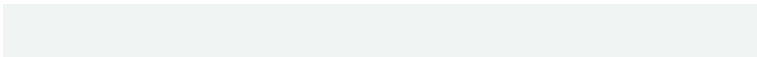
84.8465, 88.1457, 96.5506

Split Complementary

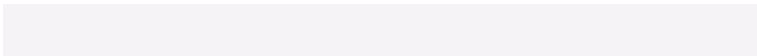
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8563, 90.3011, 97.2886



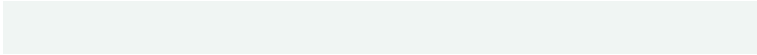
84.7652, 90.3011, 97.7563



86.6567, 90.3011, 100.3567

Square

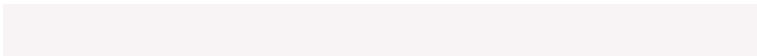
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



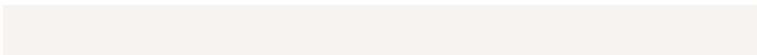
84.7652, 90.3011, 97.7563



85.6305, 90.3011, 101.4122



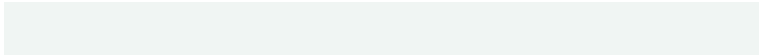
86.9006, 90.3011, 98.8910



86.0267, 90.3011, 95.2963

Rectangle

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



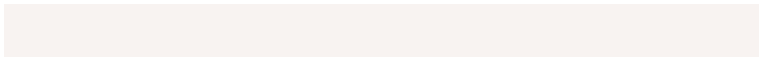
84.7652, 90.3011, 97.7563



84.9932, 90.3011, 100.3136



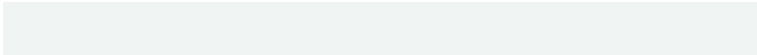
86.9006, 90.3011, 98.8910



86.6693, 90.3011, 96.3580

Sweetspot

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



84.7678, 90.3050, 97.7583



93.9541, 99.4540, 107.9928



85.0302, 90.4922, 95.4244



20.1216, 21.2930, 23.1245



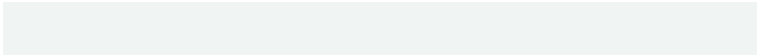
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



84.7678, 90.3050, 97.7583



92.8714, 98.9147, 107.0908



84.9461, 90.1747, 99.3191



18.2248, 19.3979, 21.0080



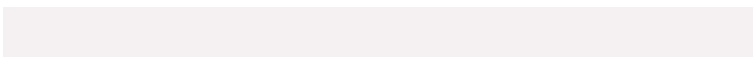
20.4932, 36.3421, 21.1490



1.8518, 3.2144, 2.1257

Inverse Universe

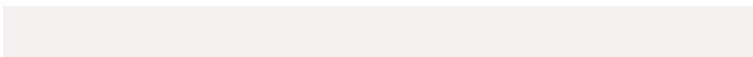
The Inverse Universe completely reimagines the original color for something new.



84.8465, 88.1457, 96.5506



92.9561, 96.5937, 105.7927



84.6700, 88.2718, 95.0148



18.2405, 18.9671, 20.7670



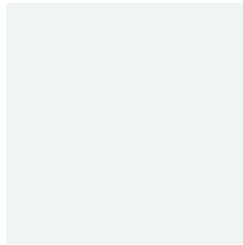
21.5406, 10.9597, 7.5553



1.9425, 0.9830, 0.9238

Previews

White Background



This preview shows how the XYZ color 84.7652, 90.3011, 97.7563 looks on a white background.

Color Contrast Check

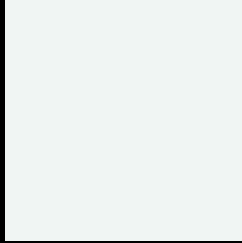
Large Text (above 18pt) WCAG AA × Fail

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 84.7652, 90.3011, 97.7563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

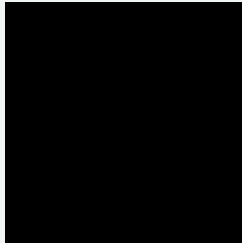
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

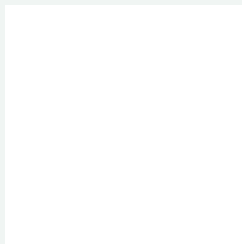
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7652, 90.3011, 97.7563

Background



This preview shows how black text looks on a background with the XYZ color 84.7652, 90.3011, 97.7563.



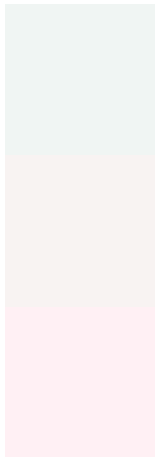
This preview shows how white text looks on a background with the XYZ color 84.7652, 90.3011,

97.7563.

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

84.7652, 90.3011, 97.7563

Protanopia

86.7890, 90.4684, 96.8923

Deuteranopia

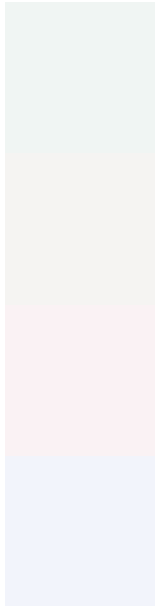
88.7292, 90.1118, 98.3047



Tritanopia

87.0627, 90.3759, 107.4633

Trichromacy



Original Color

84.7652, 90.3011, 97.7563

Protanomaly

86.0339, 90.5246, 96.9429

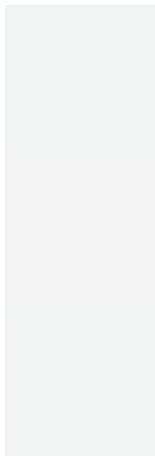
Deuteranomaly

87.5056, 90.3599, 98.4171

Tritanomaly

86.3812, 90.5436, 104.1907

Monochromacy



Original Color

84.7652, 90.3011, 97.7563

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.1463, 90.0497, 97.6877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7652, 90.3011, 97.7563 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, 245, 243) looks like.

```
.text, #text, p{  
    color:rgb(240, 245, 243)  
}
```

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, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.7652, 90.3011, 97.7563 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, 245, 243) }
```


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

```
.border{ border-color:rgb(240, 245, 243) }
```

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

Here you see how a box with a 4 pixel rgb(240, 245, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7652, 90.3011, 97.7563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 245, 243) }
```

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

```
.background{ background-color: rgb(240,  
245, 243) }
```

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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