

Converting Colors

XYZ(84.4174, 89.2828, 95.2235)

Have a look what the booklet for
XYZ(84.4174, 89.2828, 95.2235)
contains.

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Color

**XYZ(84.3967, 89.2697,
95.2207)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F3F0
RGB	242, 243, 240
RGB Percent	95%, 95%, 94%
CMY	0.0510, 0.0470, 0.0588
CMYK	0.00, 0.00, 0.01, 0.05
HSL	80°, 11%, 95%
HSV	80°, 1%, 95%
XYZ	84.3967, 89.2697, 95.2207
YIQ	242.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

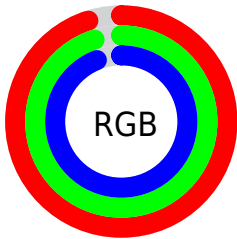
Format	Color
R _Y B	240, 243, 241
Decimal	15922160
CIE Lab	95.69, -0.86, 1.32
CIE LCh	96, 1.569, 123.028
Yxy	89.2697, 0.3139, 0.3320
Android (android.graphics.Color)	4294112240 (0xFFFF2F3F0)
YUV	242.3590, -1.1630, -0.3148
Hunter-Lab	94.4826, -5.8994, 6.3847

Details

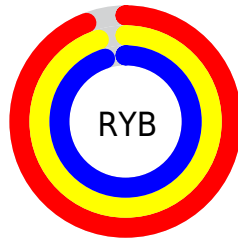
The XYZ color **84.3967, 89.2697, 95.2207** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.6169, 87.4945, 97.2797**, and the grayscale version is **84.6933, 89.1040, 97.0342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6718, 49.4404, 52.4305** is the 20% darker color. If you saturate the color by 10%, you get **78.2997, 86.5187, 77.3363**, and if you desaturate by 10%, it is **89.5718, 91.6719, 107.5813**.

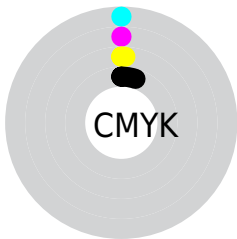
Distribution



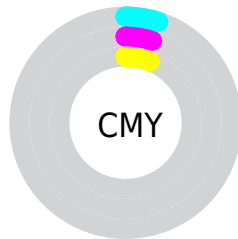
- Red (95%)
- Green (95%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3967, 89.2697, 95.2207 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 84.3967, 89.2697, 95.2207 by changing the saturation by 10% instead.

84.3967, 89.2697,
95.2207

84.3967, 89.2697,
95.2207

498.1434,
525.6523, 565.8737

63.6638, 67.3751,
71.7208

138.4484,
146.3236, 156.5677

46.6391, 49.3895,
52.4452

172.4978,
182.2516, 195.2518

32.9572, 34.9286,
36.9753

211.7169,
223.6263, 239.8344

22.2527, 23.6079,
24.8928

256.4709,
270.8319, 290.7341

14.1604, 15.0430,
15.7789

307.1252,
324.2529, 348.3693

8.3147, 8.8496,
9.2152

364.0452,

4.3505, 4.6432,

384.2738, 413.1586

4.7831

427.5961,
451.2788, 485.5205

■ 1.9023, 2.0395,
2.0640

■ 0.5782, 0.6303,
0.5942

■ 84.3967, 89.2697,
95.2207

■ 84.3967, 89.2697,
95.2207

■ 78.2997, 86.5187,
77.3363

■ 89.5718, 91.6719,
107.5813

■ 72.7869, 84.0127,
61.9015

■ 91.3423, 92.5847,
107.6641

■ 67.8389, 81.7465,
48.8109

■ 63.4322, 79.7106,
37.9495

■ 59.5415, 77.8946,
29.1924

■ 56.1389, 76.2873,
22.4025

■ 53.1935, 74.8760,
17.4264

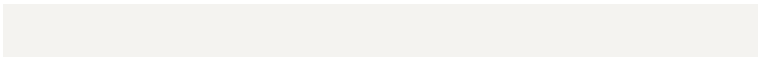
■ 50.6703, 73.6465,
14.0879

■ 48.5271, 72.5818,
12.1760

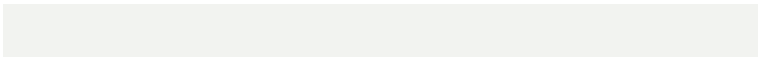
Harmonies

Analogous

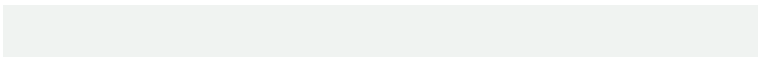
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8043, 89.2697, 94.8457



84.3967, 89.2697, 95.2207



84.1108, 89.2697, 96.1257

Triad

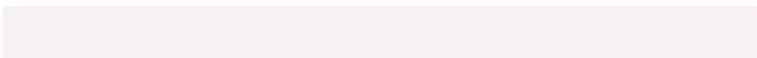
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3967, 89.2697, 95.2207



84.4724, 89.2697, 99.3329



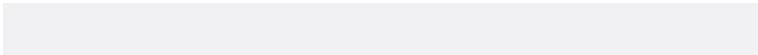
85.6795, 89.2697, 97.0740

Complementary

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



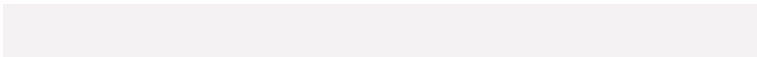
84.3967, 89.2697, 95.2207



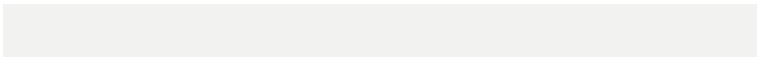
83.6169, 87.4945, 97.2797

Split Complementary

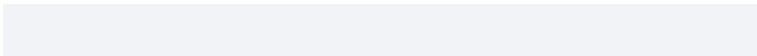
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5898, 89.2697, 98.2814



84.3967, 89.2697, 95.2207



84.8920, 89.2697, 99.5920

Square

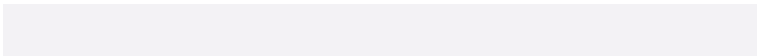
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



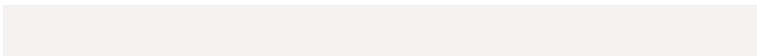
84.3967, 89.2697, 95.2207



84.1544, 89.2697, 98.5006



85.3013, 89.2697, 99.2056



85.5458, 89.2697, 95.9100

Rectangle

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



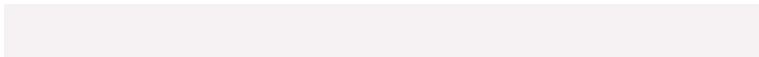
84.3967, 89.2697, 95.2207



84.0272, 89.2697, 96.9114



85.3013, 89.2697, 99.2056



85.6745, 89.2697, 97.4883

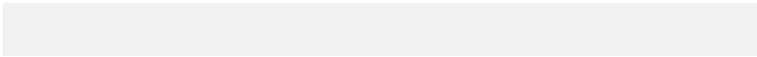
Sweetspot

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



84.3992, 89.2735, 95.2226

95.0500, 100.0000, 108.9000



84.1488, 88.2595, 95.0401



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.



84.3992, 89.2735, 95.2226



94.3291, 99.6755, 106.7374



83.8868, 89.0094, 95.1987



18.4955, 19.5392, 20.9424



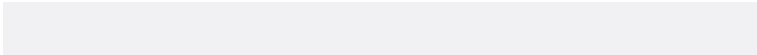
25.8902, 39.4597, 6.2519



2.3843, 3.5242, 0.5546

Inverse Universe

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



83.6169, 87.4945, 97.2797



93.6201, 98.0633, 108.6015



84.1307, 87.7594, 97.3037



18.3639, 19.2400, 21.2884



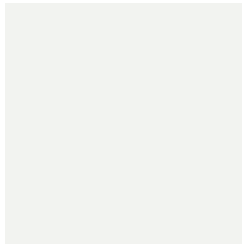
10.8803, 4.5833, 46.8492



1.0610, 0.4568, 4.1225

Previews

White Background



This preview shows how the XYZ color 84.3967, 89.2697, 95.2207 looks on a white background.

Color Contrast Check

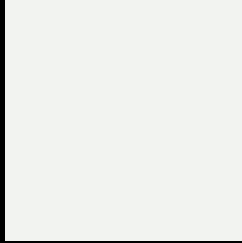
Large Text (above 18pt) WCAG AA × Fail

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 84.3967, 89.2697, 95.2207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

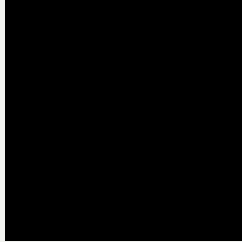
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

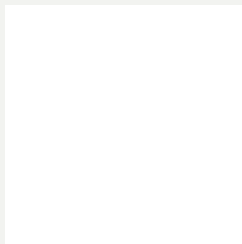
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3967, 89.2697, 95.2207

Background



This preview shows how black text looks on a background with the XYZ color 84.3967, 89.2697, 95.2207.



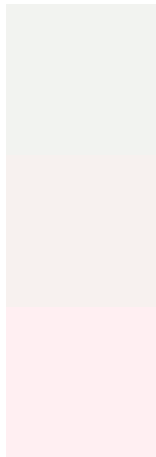
This preview shows how white text looks on a background with the XYZ color 84.3967, 89.2697,

95.207.

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

84.3967, 89.2697, 95.2207

Protanopia

85.3931, 88.9167, 94.3233

Deuteranopia

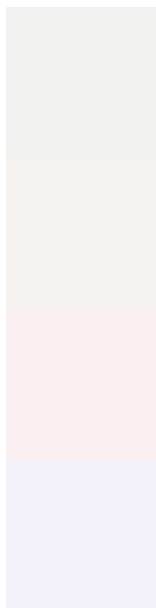
88.1335, 89.4038, 96.6159



Tritanopia

86.8135, 89.3637, 107.2811

Trichromacy



Original Color

84.3967, 89.2697, 95.2207

Protanomaly

84.9883, 89.1487, 94.3894

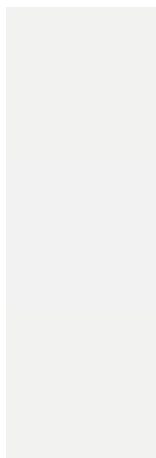
Deuteranomaly

86.4616, 88.9950, 95.8398

Tritanomaly

85.9696, 89.4611, 103.1791

Monochromacy



Original Color

84.3967, 89.2697, 95.2207

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2473, 88.7324, 95.9058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3967, 89.2697, 95.2207 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, 243, 240) looks like.

```
.text, #text, p{  
    color:rgb(242, 243, 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(242, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 240) }
```

Border

The CSS property to change the border of an element to XYZ 84.3967, 89.2697, 95.2207 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, 243, 240) }
```

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

```
.border{ border-color:rgb(242, 243, 240) }
```

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

Here you see how a box with a 4 pixel rgb(242, 243, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 240);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
240) }
```


Background

The CSS property to change the background color of an element to XYZ 84.3967, 89.2697, 95.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 243, 240) }
```

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

```
.background{ background-color: rgb(242,  
243, 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](#).

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