

Converting Colors

XYZ(84.5497, 87.5563, 96.4482)

Have a look what the booklet for
XYZ(84.5497, 87.5563, 96.4482)
contains.

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Color

**XYZ(84.5497, 87.5563,
96.4482)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EFF2
RGB	245, 239, 242
RGB Percent	96%, 94%, 95%
CMY	0.0392, 0.0627, 0.0510
CMYK	0.00, 0.02, 0.01, 0.04
HSL	330°, 23%, 95%
HSV	330°, 2%, 96%
XYZ	84.5497, 87.5563, 96.4482
YIQ	241.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

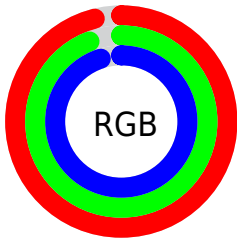
Format	Color
R _Y B	245, 239, 242
Decimal	16117746
CIE Lab	94.97, 2.53, -0.74
CIE LCh	95, 2.641, 343.673
Yxy	87.5563, 0.3148, 0.3260
Android (android.graphics.Color)	4294307826 (0xFF5EFF2)
YUV	241.1360, 0.4260, 3.3887
Hunter-Lab	93.5715, -2.4605, 4.3873

Details

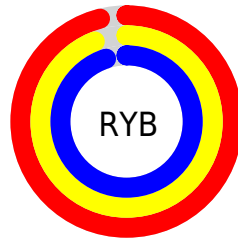
The XYZ color **84.5497, 87.5563, 96.4482** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.2793, 90.0686, 96.9519**, and the grayscale version is **83.7136, 88.0733, 95.9118**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7827, 48.2310, 53.2982** is the 20% darker color. If you saturate the color by 10%, you get **76.0784, 73.4610, 84.8437**, and if you desaturate by 10%, it is **91.3478, 98.1052, 108.1060**.

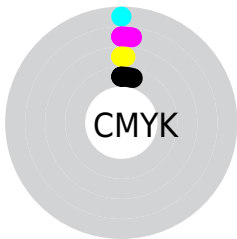
Distribution



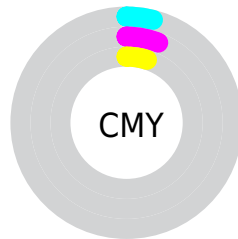
- Red (96%)
- Green (94%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5497, 87.5563, 96.4482 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 84.5497, 87.5563, 96.4482 by changing the saturation by 10% instead.

84.5497, 87.5563,
96.4482

84.5497, 87.5563,
96.4482

498.6430,
520.0491, 569.8933

63.7906, 65.9557,
72.7374

138.6611,
143.9393, 158.2766

46.7422, 48.2364,
53.2707

172.7442,
179.4904, 197.2312

33.0390, 34.0141,
37.6297

211.9993,
220.4605, 242.1042

22.3157, 22.9045,
25.3958

256.7919,
267.2339, 293.3141

14.2069, 14.5230,
16.1505

307.4871,
320.1951, 351.2794

8.3474, 8.4853,
9.4752

364.4505,

4.3717, 4.4070,

379.7285, 416.4186

4.9514

428.0473,
446.2183, 489.1504

■ 1.9145, 1.9037,
2.1605

■ 0.5852, 0.5506,
0.6515

■ 84.5497, 87.5563,
96.4482

■ 84.5497, 87.5563,
96.4482

■ 76.0784, 73.4610,
84.8437

■ 91.3478, 98.1052,
108.1060

■ 68.6589, 61.2771,
74.1858

■ 91.4667, 98.1527,
108.7323

■ 62.2500, 50.9244,
64.4495

■ 56.8044, 42.3129,
55.6067

■ 52.2712, 35.3446,
47.6273

■ 48.5943, 29.9119,
40.4790

■ 45.7111, 25.8942,
34.1271

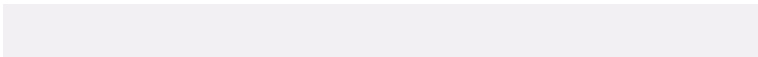
■ 43.5498, 23.1525,
28.5329

■ 42.0240, 21.5190,
23.6525

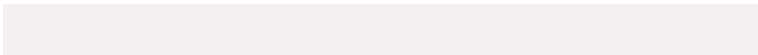
Harmonies

Analogous

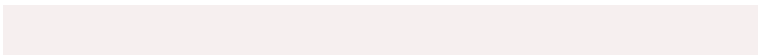
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1753, 87.5563, 98.2183



84.5497, 87.5563, 96.4482



84.5664, 87.5563, 94.4037

Triad

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



84.5497, 87.5563, 96.4482



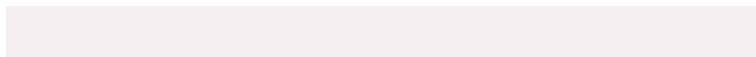
82.8942, 87.5563, 91.5487



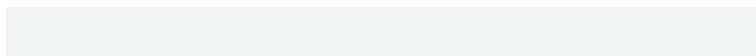
82.2265, 87.5563, 98.0865

Complementary

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



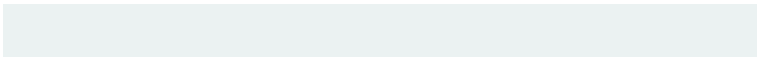
84.5497, 87.5563, 96.4482



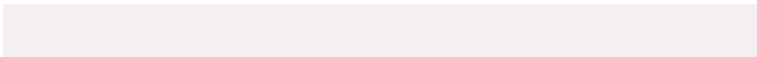
84.2793, 90.0686, 96.9519

Split Complementary

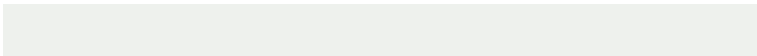
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8872, 87.5563, 96.2703



84.5497, 87.5563, 96.4482



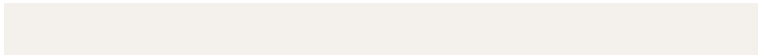
82.2713, 87.5563, 92.5065

Square

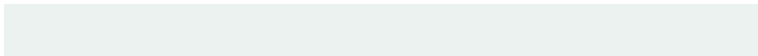
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



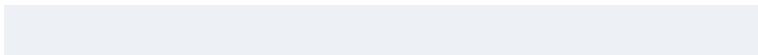
84.5497, 87.5563, 96.4482



83.6078, 87.5563, 91.5948



81.9036, 87.5563, 94.2283



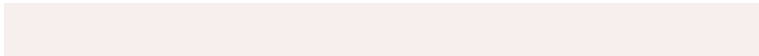
82.8327, 87.5563, 99.1734

Rectangle

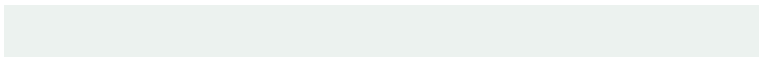
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



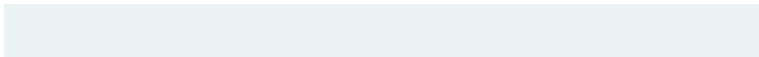
84.5497, 87.5563, 96.4482



84.3722, 87.5563, 93.1615



81.9036, 87.5563, 94.2283



82.0776, 87.5563, 97.5399

Sweetspot

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



84.5522, 87.5601, 96.4501



94.0371, 98.3019, 107.5524



83.9691, 87.2070, 98.7944



20.1385, 21.0585, 23.0349



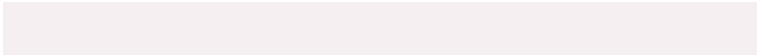
0.0000, 0.0000, 0.0000



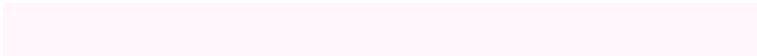
20.3446, 21.4041, 23.3091

Same Dimension

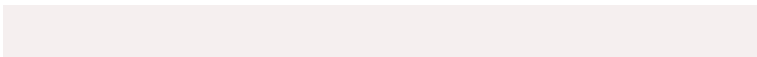
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5522, 87.5601, 96.4501



92.0477, 94.9717, 104.8893



84.1058, 87.3815, 94.0993



17.8901, 18.3620, 20.3548



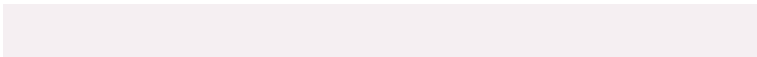
22.2625, 11.2484, 11.3565



2.0085, 1.0094, 1.2712

Inverse Universe

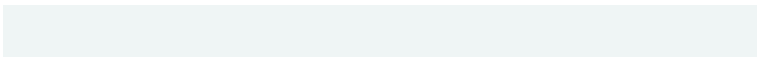
The Inverse Universe completely reimagines the original color for something new.



84.5522, 87.5601, 96.4501



92.0477, 94.9717, 104.8893



84.7331, 90.2501, 99.3415



17.8901, 18.3620, 20.3548



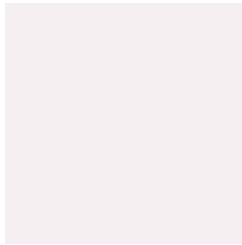
22.2625, 11.2484, 11.3565



2.0085, 1.0094, 1.2712

Previews

White Background



This preview shows how the XYZ color 84.5497, 87.5563, 96.4482 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 84.5497, 87.5563, 96.4482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

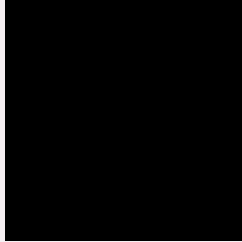
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

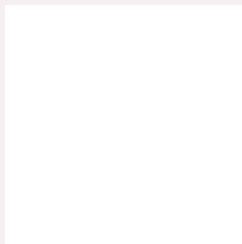
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5497, 87.5563, 96.4482

Background



This preview shows how black text looks on a background with the XYZ color 84.5497, 87.5563, 96.4482.



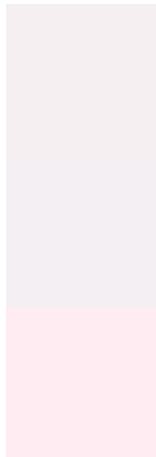
This preview shows how white text looks on a background with the XYZ color 84.5497, 87.5563,

96.4482.

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

84.5497, 87.5563, 96.4482

Protanopia

84.2017, 87.3769, 96.4319

Deuteranopia

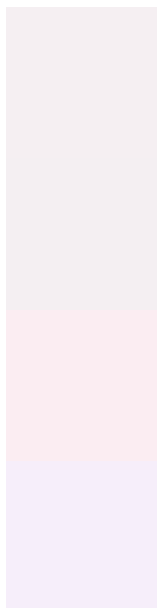
87.2625, 87.6617, 96.3256



Tritanopia

86.6920, 87.5625, 106.9398

Trichromacy



Original Color

84.5497, 87.5563, 96.4482

Protanomaly

84.2017, 87.3769, 96.4319

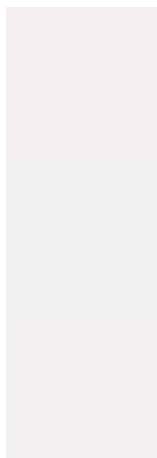
Deuteranomaly

86.0949, 87.4884, 96.3537

Tritanomaly

85.8359, 87.6440, 102.8354

Monochromacy



Original Color

84.5497, 87.5563, 96.4482

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.6552, 87.5483, 95.7085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5497, 87.5563, 96.4482 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(245, 239, 242) looks like.

```
.text, #text, p{  
    color:rgb(245, 239, 242)  
}
```

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(245, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 242) }
```

Border

The CSS property to change the border of an element to XYZ 84.5497, 87.5563, 96.4482 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(245, 239, 242) }
```


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

```
.border{ border-color:rgb(245, 239, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 239, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5497, 87.5563, 96.4482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 242) }
```

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

```
.background{ background-color: rgb(245,  
239, 242) }
```

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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