

Converting Colors

XYZ(84.7919, 86.8978, 97.7316)

Have a look what the booklet for
XYZ(84.7919, 86.8978, 97.7316)
contains.

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Color

**XYZ(84.6194, 86.6929,
97.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EDF4
RGB	246, 237, 244
RGB Percent	96%, 93%, 96%
CMY	0.0353, 0.0706, 0.0431
CMYK	0.00, 0.04, 0.01, 0.04
HSL	313°, 33%, 95%
HSV	313°, 4%, 96%
XYZ	84.6194, 86.6929, 97.8614
YIQ	240.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

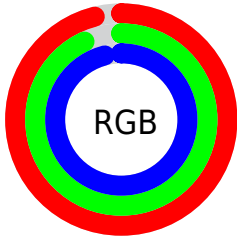
Format	Color
R _Y B	246, 237, 244
Decimal	16182772
CIE Lab	94.61, 4.24, -2.31
CIE LCh	95, 4.831, 331.473
Yxy	86.6929, 0.3144, 0.3221
Android (android.graphics.Color)	4294372852 (0xFFFF6EDF4)
YUV	240.4890, 1.7309, 4.8331
Hunter-Lab	93.1090, -0.7163, 2.8601

Details

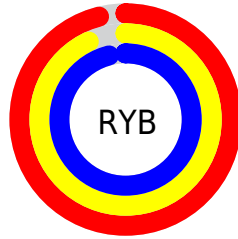
The XYZ color **84.6194, 86.6929, 97.8614** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4641, 90.1504, 94.6677**, and the grayscale version is **83.1949, 87.5275, 95.3175**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8362, 47.6257, 54.3011** is the 20% darker color. If you saturate the color by 10%, you get **77.1626, 73.0876, 91.3398**, and if you desaturate by 10%, it is **90.9391, 97.9821, 104.1277**.

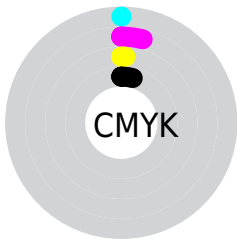
Distribution



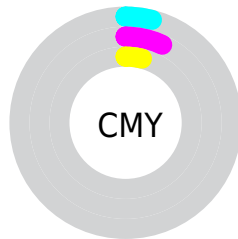
- Red (96%)
- Green (93%)
- Blue (96%)



- Red (96%)
- Yellow (93%)
- Blue (96%)



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





- Cyan (4%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.6194, 86.6929, 97.8614 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 84.6194, 86.6929, 97.8614 by changing the saturation by 10% instead.


 84.6194, 86.6929,
97.8614

 84.6194, 86.6929,
97.8614


498.8705,
517.2132, 574.5021

 63.8484, 65.2411,
73.9088


138.7581,
142.7360, 160.2413

 46.7891, 47.6566,
54.2231


172.8564,
178.0961, 199.5057

 33.0762, 33.5550,
38.3856


212.1280,
218.8611, 244.7111

 22.3444, 22.5520,
25.9780

256.9380,
265.4154, 296.2760

 14.2282, 14.2630,
16.5816

307.6519,
318.1433, 354.6191

 8.3623, 8.3038,
9.7778

364.6351,

 4.3814, 4.2900,

377.4294, 420.1587

5.1482

428.2528,
443.6579, 493.3136

■ 1.9201, 1.8371,
2.2742

■ 0.5885, 0.5101,
0.7167

■ 84.6194, 86.6929,
97.8614

■ 84.6194, 86.6929,
97.8614

■ 77.1626, 73.0876,
91.3398

■ 90.9391, 97.9821,
104.1277

■ 70.6652, 61.3633,
85.2575

■ 91.8071, 98.3293,
108.6983

■ 65.0875, 51.4394,
79.6013

■ 91.8166, 98.3331,
108.7487

■ 60.3836, 43.2248,
74.3548

■ 56.5039, 36.6207,
69.5005

■ 53.3938, 31.5179,
65.0189

■ 50.9917, 27.7937,
60.8884

■ 49.2264, 25.3062,
57.0843

■ 48.0111, 23.8821,
53.5764

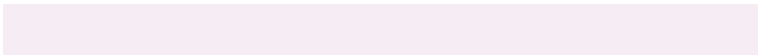
Harmonies

Analogous

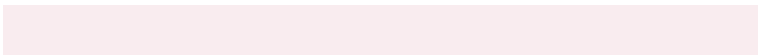
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7137, 86.6929, 100.6453



84.6194, 86.6929, 97.8614



84.9285, 86.6929, 94.2095

Triad

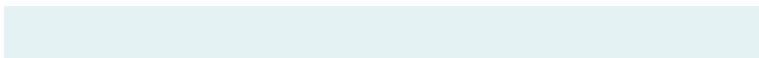
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6194, 86.6929, 97.8614



82.3346, 86.6929, 87.4026



80.2811, 86.6929, 98.1890

Complementary

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



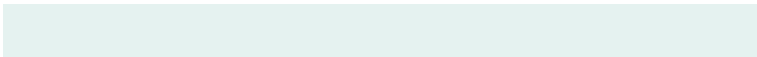
84.6194, 86.6929, 97.8614



83.4641, 90.1504, 94.6677

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.



79.9203, 86.6929, 94.5784



84.6194, 86.6929, 97.8614



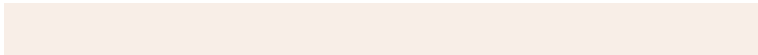
81.0981, 86.6929, 88.4067

Square

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



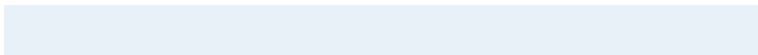
84.6194, 86.6929, 97.8614



83.6010, 86.6929, 88.2303



80.2178, 86.6929, 91.0092



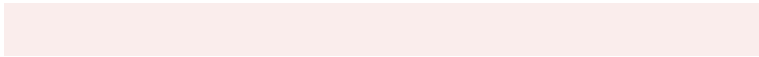
81.2085, 86.6929, 100.8379

Rectangle

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



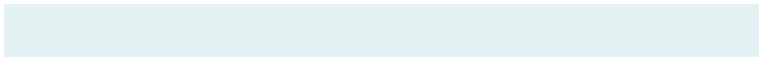
84.6194, 86.6929, 97.8614



84.7520, 86.6929, 91.7921



80.2178, 86.6929, 91.0092



80.0899, 86.6929, 97.0443

Sweetspot

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



84.6219, 86.6966, 97.8633



94.1507, 98.3473, 108.1506



82.5021, 85.5686, 99.3582



20.1616, 21.0678, 23.1566



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.



84.6219, 86.6966, 97.8633



91.5189, 93.5187, 105.9323



83.9546, 86.4297, 94.3494



17.8141, 18.1037, 20.6573



25.3787, 12.4949, 27.7662



2.2684, 1.1133, 2.6400

Inverse Universe

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



84.6219, 86.6966, 97.8633



91.5189, 93.5187, 105.9323



84.1294, 90.4165, 98.1711



17.8141, 18.1037, 20.6573



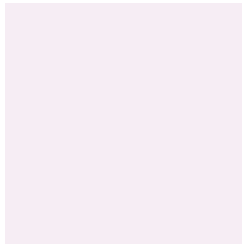
25.3787, 12.4949, 27.7662



2.2684, 1.1133, 2.6400

Previews

White Background



This preview shows how the XYZ color 84.6194, 86.6929, 97.8614 looks on a white background.

Color Contrast Check

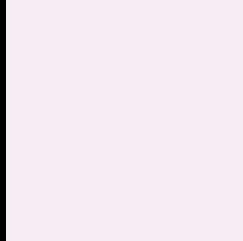
Large Text (above 18pt) WCAG AA × Fail

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 84.6194, 86.6929, 97.8614 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

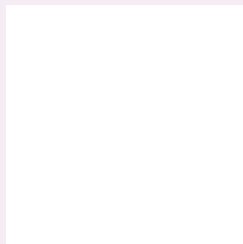
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.6194, 86.6929, 97.8614

Background



This preview shows how black text looks on a background with the XYZ color 84.6194, 86.6929, 97.8614.



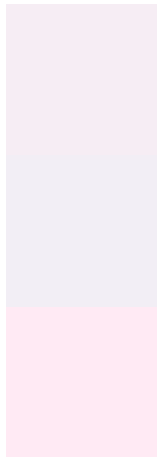
This preview shows how white text looks on a background with the XYZ color 84.6194, 86.6929, 97.8614.

97.8614.

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

84.6194, 86.6929, 97.8614

Protanopia

83.6739, 86.6189, 98.6952

Deuteranopia

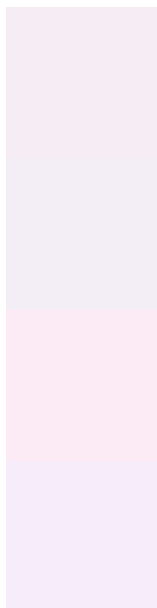
86.9920, 86.6373, 97.7257



Tritanopia

86.3091, 86.5289, 105.9187

Trichromacy



Original Color

84.6194, 86.6929, 97.8614

Protanomaly

84.0181, 86.7963, 98.7113

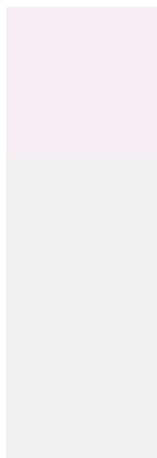
Deuteranomaly

86.1823, 86.6438, 97.7696

Tritanomaly

85.6085, 86.6672, 102.6589

Monochromacy



Original Color

84.6194, 86.6929, 97.8614

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3616, 86.9611, 95.6106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6194, 86.6929, 97.8614 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(246, 237, 244) looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 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(246, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 244) }
```

Border

The CSS property to change the border of an element to XYZ 84.6194, 86.6929, 97.8614 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(246, 237, 244) }
```


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

```
.border{ border-color:rgb(246, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6194, 86.6929, 97.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 244) }
```

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

```
.background{ background-color: rgb(246,  
237, 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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