

Converting Colors

XYZ(83.6646, 86.4740, 94.3717)

Have a look what the booklet for
XYZ(83.6646, 86.4740, 94.3717)
contains.

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Color

**XYZ(83.6686, 86.2721,
94.6805)**

Conversions

Conversions Part 1	
Format	Color
Hex	F5EDF0
RGB	245, 237, 240
RGB Percent	96%, 93%, 94%
CMY	0.0392, 0.0706, 0.0588
CMYK	0.00, 0.03, 0.02, 0.04
HSL	338°, 29%, 95%
HSV	338°, 3%, 96%
XYZ	83.6686, 86.2721, 94.6805
YIQ	239.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

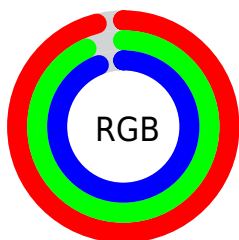
Format	Color
RYB	245, 237, 240
Decimal	16117232
CIELab	94.43, 3.21, -0.50
CIELCh	94, 3.248, 351.110
Yxy	86.2721, 0.3162, 0.3260
Android (android.graphics.Color)	4294307312 (0xFFFF5EDF0)
YUV	239.7340, 0.1311, 4.6183
Hunter-Lab	92.8828, -1.7524, 4.5804

Details

The XYZ color 83.6686, 86.2721, 94.6805 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.6077, 89.7225, 96.9204, and the grayscale version is 82.6155, 86.9179, 94.6536.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 46.1619, 47.3273, 52.0495 is the 20% darker color. If you saturate the color by 10%, you get 74.8740, 72.1718, 80.9908, and if you desaturate by 10%, it is 91.4668, 98.1528, 108.7323.

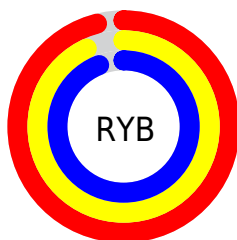
Distribution



Red (96%)

Green (93%)

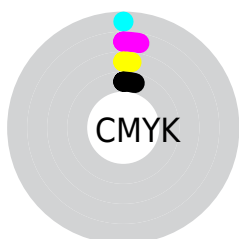
Blue (94%)



Red (96%)

Yellow (93%)

Blue (94%)

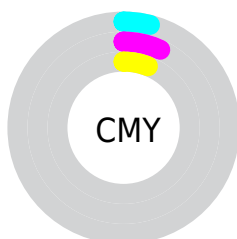


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (4%)



Cyan (4%)


Magenta (7%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6686, 86.2721, 94.6805 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 83.6686, 86.2721, 94.6805 by changing the saturation by 10% instead.


 83.6686, 86.2721,
94.6805

 83.6686, 86.2721,
94.6805

495.7624,
515.8280, 564.0998

 63.0606, 64.8930,
71.2737


137.4352,
142.1491, 155.8149

 46.1491, 47.3743,
52.0824


171.3245,
177.4159, 194.3796

 32.5686, 33.3317,
36.6880


210.3716,
218.0806, 238.8339

 21.9538, 22.3806,
24.6721

254.9420,
264.5277, 289.5965

 13.9394, 14.1369,
15.6162

305.4009,
317.1416, 347.0858

 8.1599, 8.2159,
9.1016


362.1137,


 4.2501, 4.2334,

376.3067, 411.7204


4.7098


425.4457,
442.4074, 483.9189


 1.8446, 1.8050,
2.0223


 0.5443, 0.4903,
0.5689


 83.6686, 86.2721,
94.6805


 83.6686, 86.2721,
94.6805

 74.8740, 72.1718,
80.9908

 91.4668, 98.1528,
108.7323

 67.1946, 60.0029,
68.5966

 60.5861, 49.6838,
57.4598

 54.9986, 41.1229,
47.5387

■ 50.3780, 34.2203,
38.7888

■ 46.6650, 28.8666,
31.1626

■ 43.7933, 24.9384,
24.6090

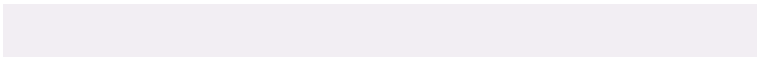
■ 41.6867, 22.2937,
19.0715

■ 40.2538, 20.7602,
14.4870

Harmonies

Analogous

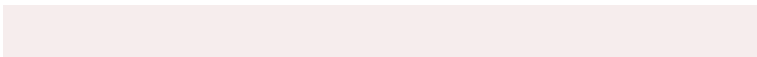
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3125, 86.2721, 96.9861



83.6686, 86.2721, 94.6805



83.5749, 86.2721, 92.2149

Triad

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



83.6686, 86.2721, 94.6805



81.3960, 86.2721, 89.5221



80.9497, 86.2721, 97.7272

Complementary

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



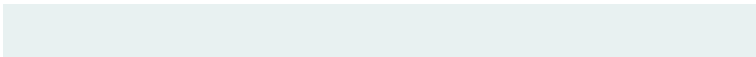
83.6686, 86.2721, 94.6805



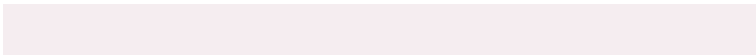
83.6077, 89.7225, 96.9204

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.



80.4431, 86.2721, 95.6776



83.6686, 86.2721, 94.6805



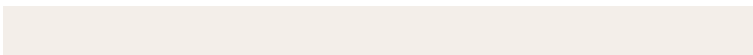
80.6995, 86.2721, 90.9498

Square

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



83.6686, 86.2721, 94.6805



82.2587, 86.2721, 89.2658



80.3518, 86.2721, 93.1947



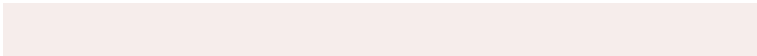
81.7399, 86.2721, 98.7655

Rectangle

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



83.6686, 86.2721, 94.6805



83.2702, 86.2721, 90.8102



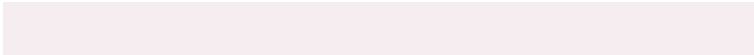
80.3518, 86.2721, 93.1947



80.7409, 86.2721, 97.1320

Sweetspot

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



83.6710, 86.2758, 94.6824



93.9862, 98.2815, 107.2841



83.3637, 86.0304, 98.5993



20.1281, 21.0544, 22.9803



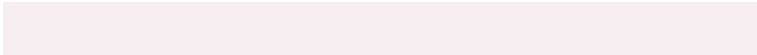
0.0000, 0.0000, 0.0000



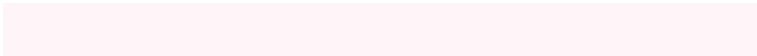
20.3446, 21.4041, 23.3091

Same Dimension

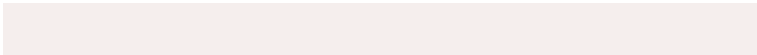
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6710, 86.2758, 94.6824



90.8719, 93.2598, 102.5251



83.5003, 86.6408, 92.4475



17.6647, 18.0439, 19.8704



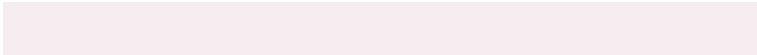
21.3837, 10.8969, 6.7291



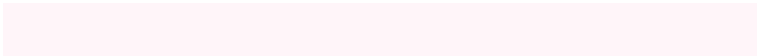
1.9275, 0.9770, 0.8448

Inverse Universe

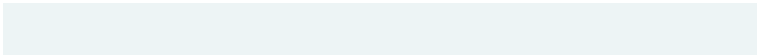
The Inverse Universe completely reimagines the original color for something new.



83.6710, 86.2758, 94.6824



90.8719, 93.2598, 102.5251



83.7800, 89.3410, 99.2164



17.6647, 18.0439, 19.8704



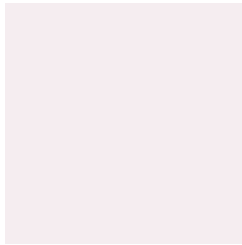
21.3837, 10.8969, 6.7291



1.9275, 0.9770, 0.8448

Previews

White Background



This preview shows how the XYZ color 83.6686, 86.2721, 94.6805 looks on a white background.

Color Contrast Check

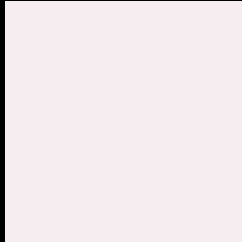
Large Text (above 18pt) WCAG AA × Fail

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 83.6686, 86.2721, 94.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

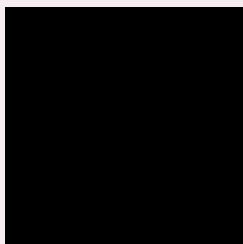
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

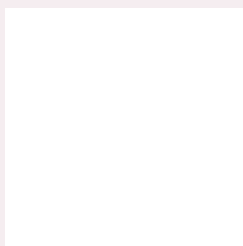
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6686, 86.2721, 94.6805

Background



This preview shows how black text looks on a background with the XYZ color 83.6686, 86.2721, 94.6805.

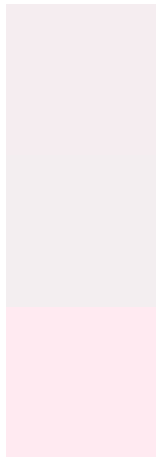


This preview shows how white text looks on a background with the XYZ color 83.6686, 86.2721,

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

83.6686, 86.2721, 94.6805

Protanopia

83.2649, 86.4950, 94.7448

Deuteranopia

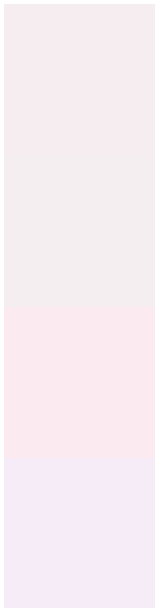
86.5400, 86.4565, 95.3457



Tritanopia

85.7957, 86.2827, 105.0608

Trichromacy



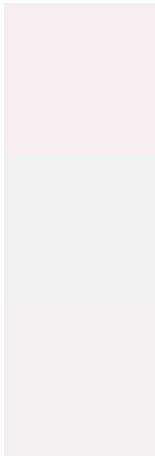
Original Color
83.6686, 86.2721, 94.6805

Protanomaly
83.6109, 86.6734, 94.7610

Deuteranomaly
85.3692, 86.2768, 95.3727

Tritanomaly
84.9448, 86.3610, 100.9992

Monochromacy



Original Color
83.6686, 86.2721, 94.6805

Achromatopsia
82.8234, 87.1367, 94.8919

Achromatomaly
83.2126, 86.9015, 94.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6686, 86.2721, 94.6805 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, 237, 240) looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 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(245, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.6686, 86.2721, 94.6805 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, 237, 240) }
```


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

```
.border{ border-color:rgb(245, 237, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 237, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6686, 86.2721, 94.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 240) }
```

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

```
.background{ background-color: rgb(245,  
237, 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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double the colors in the color bucket, and more
awesome pro features!

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