

Converting Colors

XYZ(86.6917, 86.0649, 97.5386)

Have a look what the booklet for
XYZ(86.6917, 86.0649, 97.5386)
contains.

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Color

**XYZ(86.7080, 86.0695,
97.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9F4
RGB	255, 233, 244
RGB Percent	100%, 91%, 96%
CMY	0.0000, 0.0863, 0.0431
CMYK	0.00, 0.09, 0.04, 0.00
HSL	330°, 100%, 96%
HSV	330°, 9%, 100%
XYZ	86.7080, 86.0695, 97.6310
YIQ	240.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

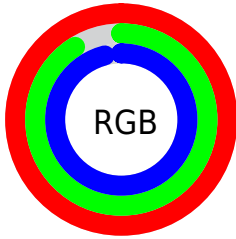
Format	Color
R _Y B	255, 233, 244
Decimal	16771572
CIE Lab	94.34, 9.32, -2.61
CIE LCh	94, 9.675, 344.327
Yxy	86.0695, 0.3207, 0.3183
Android (android.graphics.Color)	4294961652 (0xFFFFE9F4)
YUV	240.8320, 1.5618, 12.4253
Hunter-Lab	92.7736, 4.4756, 2.5473

Details

The XYZ color **86.7080, 86.0695, 97.6310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6961, 95.3766, 99.4844**, and the grayscale version is **83.4616, 87.8081, 95.6231**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0879, 47.0809, 54.1300** is the 20% darker color. If you saturate the color by 10%, you get **78.1348, 71.9149, 85.5493**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

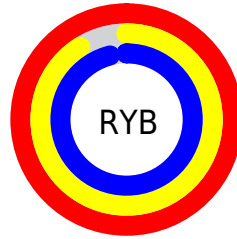
Distribution



Red (100%)

Green (91%)

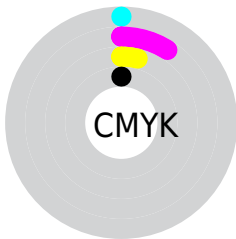
Blue (96%)



Red (100%)

Yellow (91%)

Blue (96%)

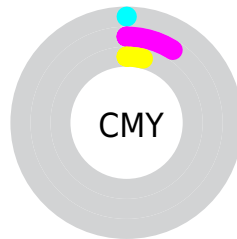


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.7080, 86.0695, 97.6310 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 86.7080, 86.0695, 97.6310 by changing the saturation by 10% instead.


 86.7080, 86.0695,
97.6310

 86.7080, 86.0695,
97.6310


505.6618,
515.1603, 573.7521

 65.5808, 64.7254,
73.7177


141.6588,
141.8665, 159.9212

 48.1986, 47.2385,
54.0677


176.2132,
177.0882, 199.1352

 34.1961, 33.2242,
38.2622


215.9740,
217.7046, 244.2865

 23.2079, 22.2983,
25.8829

261.3065,
264.1000, 295.7937

 14.8686, 14.0762,
16.5110

312.5762,
316.6589, 354.0753

 8.8130, 8.1737,
9.7282

370.1485,

 4.6755, 4.2063,

375.7657, 419.5499

5.1159

434.3885,
441.8047, 492.6360

■ 2.0909, 1.7896,
2.2555

■ 0.6843, 0.4807,
0.7061

■ 86.7080, 86.0695,
97.6310

■ 86.7080, 86.0695,
97.6310

■ 78.1348, 71.9149,
85.5493

95.0500, 100.0000,
108.9000

■ 70.6894, 59.8065,
74.4900

■ 64.3234, 49.6511,
64.4245

■ 58.9822, 41.3443,
55.3205

■ 54.6063, 34.7718,
47.1434

■ 51.1297, 29.8064,
39.8561

■ 48.4774, 26.3035,
33.4178

■ 46.5611, 24.0917,
27.7825

■ 45.2562, 22.9274,
22.8914

Harmonies

Analogous

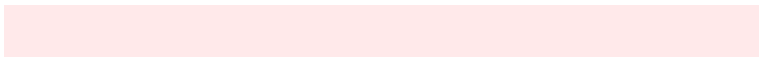
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3447, 86.0695, 104.3199



86.7080, 86.0695, 97.6310



86.7396, 86.0695, 90.2214

Triad

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



86.7080, 86.0695, 97.6310



80.5773, 86.0695, 80.5332



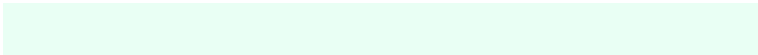
78.2868, 86.0695, 104.0648

Complementary

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



86.7080, 86.0695, 97.6310



85.6961, 95.3766, 99.4844

Split Complementary

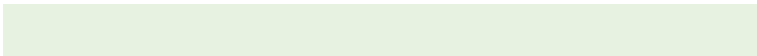
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0641, 86.0695, 97.2977



86.7080, 86.0695, 97.6310



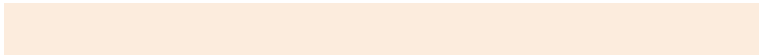
78.3674, 86.0695, 83.8544

Square

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



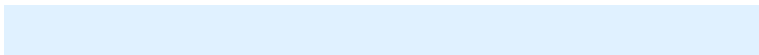
86.7080, 86.0695, 97.6310



83.1626, 86.0695, 80.6119



77.0932, 86.0695, 89.9052



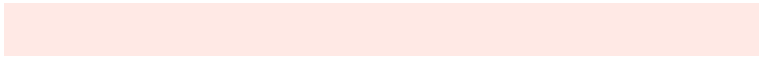
80.4652, 86.0695, 108.1663

Rectangle

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



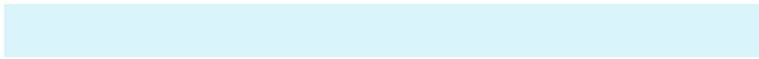
86.7080, 86.0695, 97.6310



85.9990, 86.0695, 85.8814



77.0932, 86.0695, 89.9052



77.7524, 86.0695, 102.0112

Sweetspot

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



86.7100, 86.0730, 97.6328



92.0480, 94.9718, 104.8910



84.4999, 84.7349, 106.5096



19.5343, 20.0474, 22.2251



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

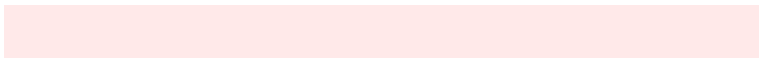
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7100, 86.0730, 97.6328



85.4622, 84.0015, 95.9096



85.0895, 85.4248, 89.0993



18.3881, 18.1386, 20.6610



23.6423, 11.9462, 12.0327



2.3571, 1.1852, 1.4618

Inverse Universe

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



86.7100, 86.0730, 97.6328



85.4622, 84.0015, 95.9096



87.4163, 96.0647, 108.5427



18.3881, 18.1386, 20.6610



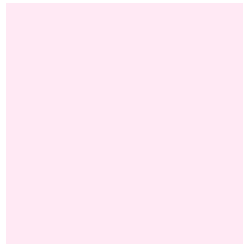
23.6423, 11.9462, 12.0327



2.3571, 1.1852, 1.4618

Previews

White Background



This preview shows how the XYZ color 86.7080, 86.0695, 97.6310 looks on a white background.

Color Contrast Check

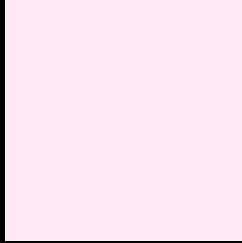
Large Text (above 18pt) WCAG AA × Fail

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 86.7080, 86.0695, 97.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

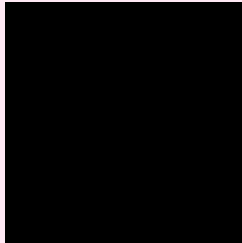
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.7080, 86.0695, 97.6310

Background



This preview shows how black text looks on a background with the XYZ color 86.7080, 86.0695, 97.6310.



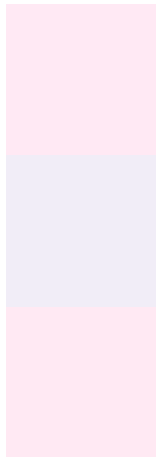
This preview shows how white text looks on a background with the XYZ color 86.7080, 86.0695,

97.6310.

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

86.7080, 86.0695, 97.6310

Protanopia

83.3483, 85.9845, 100.1994

Deuteranopia

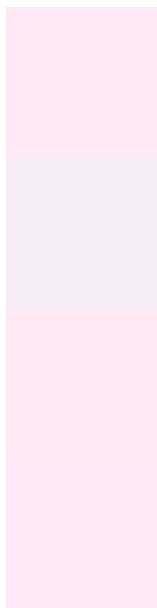
86.5566, 86.0089, 96.8334



Tritanopia

87.3519, 85.8754, 102.4141

Trichromacy



Original Color

86.7080, 86.0695, 97.6310

Protanomaly

84.6360, 86.2376, 99.3735

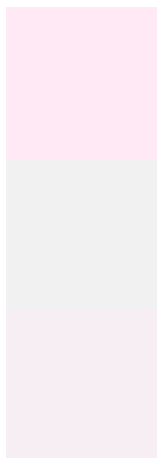
Deuteranomaly

86.5566, 86.0089, 96.8334

Tritanomaly

87.0399, 85.7505, 100.7709

Monochromacy



Original Color

86.7080, 86.0695, 97.6310

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.6076, 87.1527, 96.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7080, 86.0695, 97.6310 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(255, 233, 244) looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 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(255, 233, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 244) }
```

Border

The CSS property to change the border of an element to XYZ 86.7080, 86.0695, 97.6310 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(255, 233, 244) }
```


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

```
.border{ border-color:rgb(255, 233, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7080, 86.0695, 97.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 244) }
```

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

```
.background{ background-color: rgb(255,  
233, 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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