

Converting Colors

XYZ(90.9122, 88.1419, 98.9903)

Have a look what the booklet for
XYZ(90.9122, 88.1419, 98.9903)
contains.

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Color

**XYZ(86.8603, 86.1304,
98.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9F5
RGB	255, 233, 245
RGB Percent	100%, 91%, 96%
CMY	0.0000, 0.0863, 0.0392
CMYK	0.00, 0.09, 0.04, 0.00
HSL	327°, 100%, 96%
HSV	327°, 9%, 100%
XYZ	86.8603, 86.1304, 98.4330
YIQ	240.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

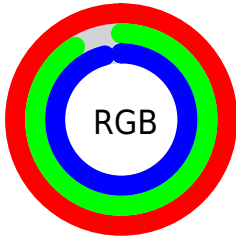
Format	Color
R_{YB}	255, 233, 245
Decimal	16771573
CIE _{Lab}	94.37, 9.49, -3.10
CIE _{LCh}	94, 9.979, 341.929
Yxy	86.1304, 0.3200, 0.3173
Android (android.graphics.Color)	4294961653 (0xFFFFE9F5)
YUV	240.9460, 1.9986, 12.3254
Hunter-Lab	92.8065, 4.6521, 2.0800

Details

The XYZ color **86.8603, 86.1304, 98.4330** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5446, 95.3160, 98.6867**, and the grayscale version is **83.5481, 87.8991, 95.7221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1962, 47.1242, 54.6998** is the 20% darker color. If you saturate the color by 10%, you get **78.4422, 72.0379, 87.1681**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

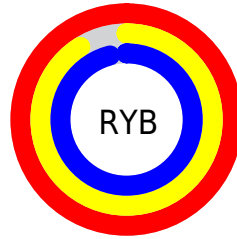
Distribution



Red (100%)

Green (91%)

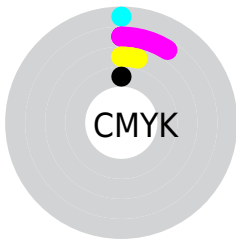
Blue (96%)



Red (100%)

Yellow (91%)

Blue (96%)

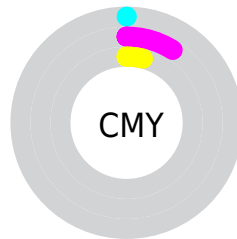


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8603, 86.1304, 98.4330 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 86.8603, 86.1304, 98.4330 by changing the saturation by 10% instead.


 86.8603, 86.1304,
98.4330

 86.8603, 86.1304,
98.4330


506.1551,
515.3611, 576.3607

 65.7073, 64.7758,
74.3829

141.8701,
141.9514, 161.0351

 48.3016, 47.2793,
54.6088


176.4575,
177.1867, 200.4243

 34.2781, 33.2565,
38.6921


216.2538,
217.8176, 245.7636

 23.2712, 22.3230,
26.2143

261.6242,
264.2286, 297.4715

 14.9157, 14.0944,
16.7569

312.9342,
316.8040, 355.9667

 8.8462, 8.1864,
9.9012

370.5492,

 4.6973, 4.2144,

375.9283, 421.6675

5.2287

434.8343,
441.9859, 494.9927

■ 2.1037, 1.7942,
2.3210

■ 0.6912, 0.4836,
0.7429

■ 86.8603, 86.1304,
98.4330

■ 86.8603, 86.1304,
98.4330

■ 78.4422, 72.0379,
87.1681

95.0500, 100.0000,
108.9000

■ 71.1295, 59.9825,
76.8076

■ 64.8745, 49.8715,
67.3266

■ 59.6233, 41.6007,
58.6967

■ 55.3172, 35.0561,
50.8873

■ 51.8911, 30.1110,
43.8656

■ 49.2707, 26.6208,
37.5952

■ 47.3686, 24.4147,
32.0349

■ 46.0613, 23.2494,
27.1311

Harmonies

Analogous

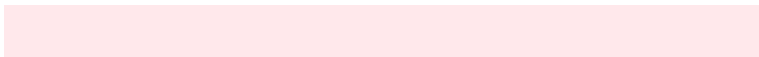
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3553, 86.1304, 105.1920



86.8603, 86.1304, 98.4330



87.0090, 86.1304, 90.7647

Triad

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



86.8603, 86.1304, 98.4330



80.8041, 86.1304, 80.0738



78.0911, 86.1304, 103.9897

Complementary

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



86.8603, 86.1304, 98.4330



85.5446, 95.3160, 98.6867

Split Complementary

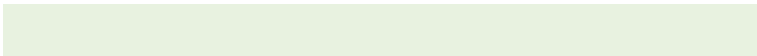
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9266, 86.1304, 96.8641



86.8603, 86.1304, 98.4330



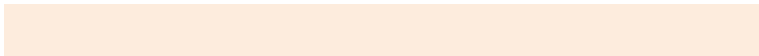
78.4700, 86.1304, 83.2272

Square

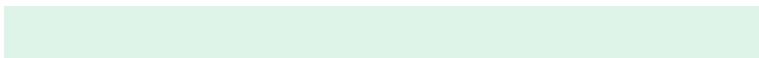
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



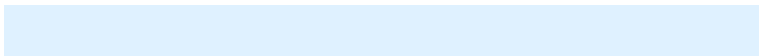
86.8603, 86.1304, 98.4330



83.4729, 86.1304, 80.4426



77.0638, 86.1304, 89.2786



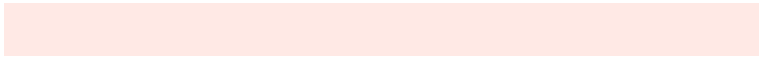
80.2767, 86.1304, 108.5187

Rectangle

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



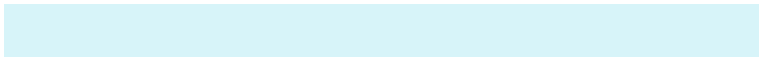
86.8603, 86.1304, 98.4330



86.3150, 86.1304, 86.1928



77.0638, 86.1304, 89.2786



77.5694, 86.1304, 101.8027

Sweetspot

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



86.8623, 86.1339, 98.4348



92.1030, 94.9938, 105.1804



84.1194, 84.5387, 106.4918



19.5491, 20.0533, 22.3032



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

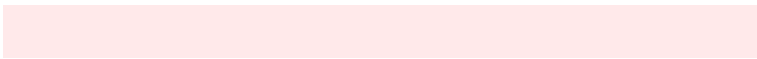
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.8623, 86.1339, 98.4348



85.6372, 84.0715, 96.8311



85.2471, 85.4878, 89.9294



18.4238, 18.1529, 20.8491



24.0632, 12.1146, 14.2490



2.3981, 1.2016, 1.6778

Inverse Universe

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



86.8623, 86.1339, 98.4348



85.6372, 84.0715, 96.8311



87.2397, 95.9940, 107.6129



18.4238, 18.1529, 20.8491



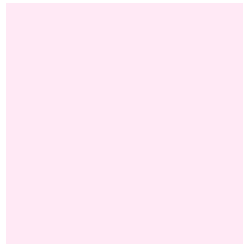
24.0632, 12.1146, 14.2490



2.3981, 1.2016, 1.6778

Previews

White Background



This preview shows how the XYZ color 86.8603, 86.1304, 98.4330 looks on a white background.

Color Contrast Check

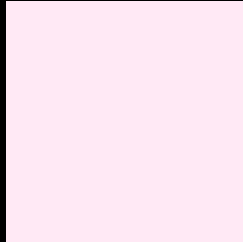
Large Text (above 18pt) WCAG AA × Fail

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 86.8603, 86.1304, 98.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

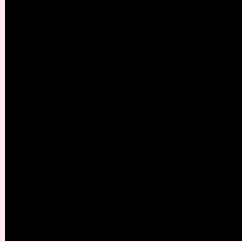
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.8603, 86.1304, 98.4330

Background



This preview shows how black text looks on a background with the XYZ color 86.8603, 86.1304, 98.4330.



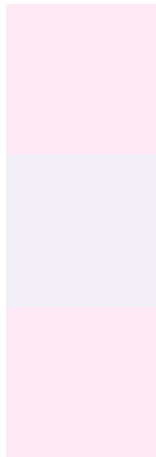
This preview shows how white text looks on a background with the XYZ color 86.8603, 86.1304,

98.4330.

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

86.8603, 86.1304, 98.4330

Protanopia

83.7934, 86.6272, 101.1113

Deuteranopia

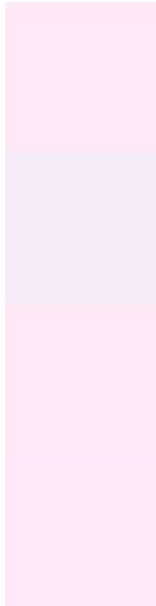
86.7080, 86.0695, 97.6310



Tritanopia

87.3519, 85.8754, 102.4141

Trichromacy



Original Color

86.8603, 86.1304, 98.4330

Protanomaly

84.7900, 86.2991, 100.1842

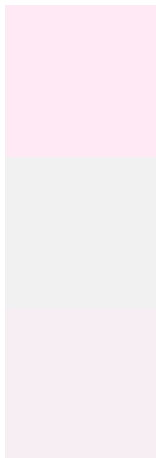
Deuteranomaly

86.7080, 86.0695, 97.6310

Tritanomaly

87.0399, 85.7505, 100.7709

Monochromacy



Original Color

86.8603, 86.1304, 98.4330

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 86.8603, 86.1304, 98.4330 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 245) }
```

Border

The CSS property to change the border of an element to XYZ 86.8603, 86.1304, 98.4330 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, 245) }
```


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

```
.border{ border-color:rgb(255, 233, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8603, 86.1304, 98.4330 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
233, 245) }
```

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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