

# Converting Colors

XYZ(86.6050, 88.8674,  
100.4276)

Have a look what the booklet for  
XYZ(86.6050, 88.8674, 100.4276)  
contains.

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# Color

**XYZ(86.6600, 88.9920,  
100.6054)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8F0F7
RGB	248, 240, 247
RGB Percent	97%, 94%, 97%
CMY	0.0274, 0.0588, 0.0314
CMYK	0.00, 0.03, 0.00, 0.03
HSL	308°, 36%, 96%
HSV	308°, 3%, 97%
XYZ	86.6600, 88.9920, 100.6054
YIQ	243.1900, 2.5210, 3.8730

# Conversions

## Conversions Part 2

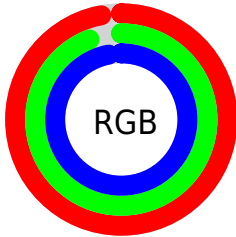
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 240, 247
Decimal	16314615
CIE <sub>Lab</sub>	95.58, 3.90, -2.42
CIE <sub>LCh</sub>	96, 4.594, 328.160
Yxy	88.9920, 0.3137, 0.3221
Android (android.graphics.Color)	4294504695 (0xFF8F0F7)
YUV	243.1900, 1.8783, 4.2184
Hunter-Lab	94.3356, -1.1108, 2.8043

# Details

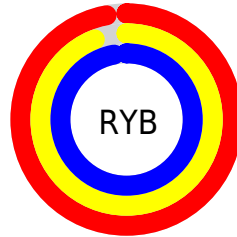
The XYZ color **86.6600, 88.9920, 100.6054** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3831, 92.0133, 96.4838**, and the grayscale version is **85.3289, 89.7727, 97.7625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2827, 49.2490, 56.2515** is the 20% darker color. If you saturate the color by 10%, you get **79.3788, 75.1880, 95.8373**, and if you desaturate by 10%, it is **91.7435, 98.3854, 104.6824**.

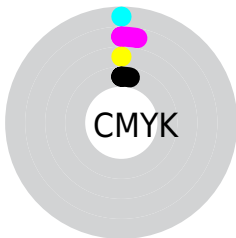
# Distribution



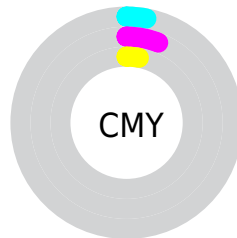
- Red (97%)
- Green (94%)
- Blue (97%)



- Red (97%)
- Yellow (94%)
- Blue (97%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6600, 88.9920, 100.6054 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 86.6600, 88.9920, 100.6054 by changing the saturation by 10% instead.




 86.6600, 88.9920,  
100.6054

 86.6600, 88.9920,  
100.6054


505.5063,  
524.7464, 583.3952

 65.5410, 67.1449,  
76.1865


141.5922,  
145.9374, 164.0480

 48.1662, 49.2024,  
56.0779


176.1362,  
181.8046, 203.9088

 34.1703, 34.7801,  
39.8610


215.8858,  
223.1139, 249.7541

 23.1880, 23.4935,  
27.1172

261.2064,  
270.2497, 302.0022

 14.8538, 14.9583,  
17.4280

312.4634,  
323.5965, 361.0719

 8.8025, 8.7901,  
10.3750

370.0221,

 4.6687, 4.6046,

383.5386, 427.3816

5.5394

434.2480,  
450.4604, 501.3498

■ 2.0869, 2.0172,  
2.5029

■ 0.6821, 0.6174,  
0.8417

■ 86.6600, 88.9920,  
100.6054

■ 86.6600, 88.9920,  
100.6054

■ 79.3788, 75.1880,  
95.8373

■ 91.7435, 98.3854,  
104.6824

■ 73.0604, 63.2984,  
91.4282

■ 92.2343, 98.5817,  
107.2669

■ 67.6646, 53.2411,  
87.3655

■ 92.5220, 98.6968,  
108.7817

■ 63.1450, 44.9238,  
83.6336

■ 59.4515, 38.2461,  
80.2156

■ 56.5286, 33.0972,  
77.0928

■ 54.3141, 29.3527,  
74.2443

■ 52.7360, 26.8688,  
71.6459

■ 51.7069, 25.4706,  
69.2682

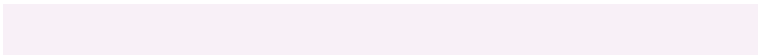
# Harmonies

## Analogous

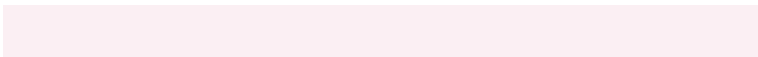
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7332, 88.9920, 103.1467



86.6600, 88.9920, 100.6054



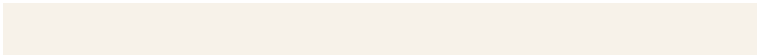
87.0299, 88.9920, 97.1202

# Triad

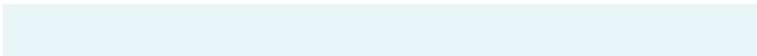
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6600, 88.9920, 100.6054



84.6621, 88.9920, 90.1236



82.4653, 88.9920, 100.2101

# Complementary

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



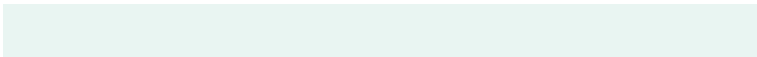
86.6600, 88.9920, 100.6054



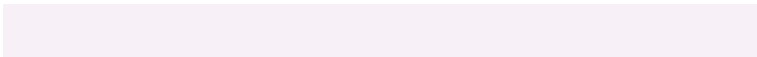
85.3831, 92.0133, 96.4838

# 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.



82.1848, 88.9920, 96.6745



86.6600, 88.9920, 100.6054



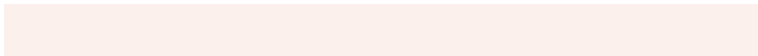
83.4455, 88.9920, 90.9053

# Square

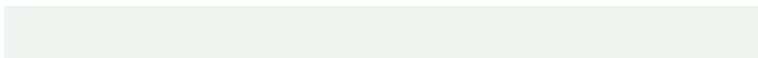
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



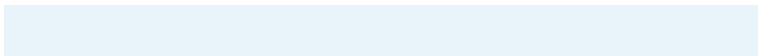
86.6600, 88.9920, 100.6054



85.8693, 88.9920, 91.1191



82.5419, 88.9920, 93.2812



83.3120, 88.9920, 102.9145

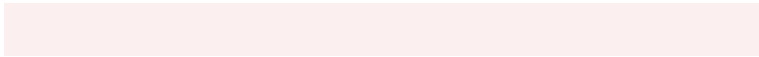


# Rectangle

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



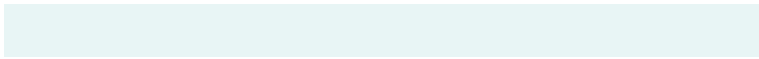
86.6600, 88.9920, 100.6054



86.9082, 88.9920, 94.7498



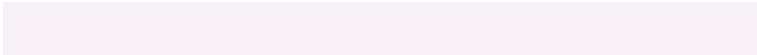
82.5419, 88.9920, 93.2812



82.3021, 88.9920, 99.0767

# Sweetspot

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



86.6625, 88.9958, 100.6073



94.1906, 98.3633, 108.3604



84.3600, 87.7909, 101.3074



20.1697, 21.0710, 23.1993



0.0000, 0.0000, 0.0000

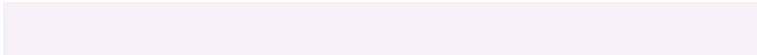


20.3446, 21.4041, 23.3091



# Same Dimension

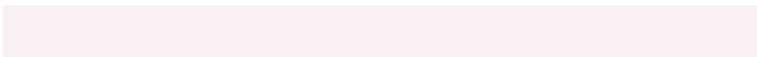
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6625, 88.9958, 100.6073



91.6772, 93.5820, 106.7658



86.0622, 88.7557, 97.4457



18.6604, 18.9387, 21.7968



27.7125, 13.5007, 36.7900

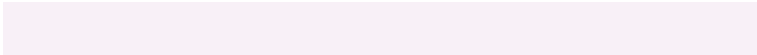


2.5920, 1.2606, 3.5410



# Inverse Universe

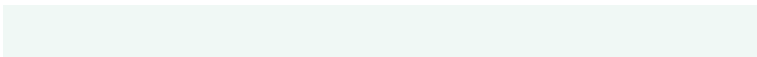
The Inverse Universe completely reimagines the original color for something new.



86.6625, 88.9958, 100.6073



91.6772, 93.5820, 106.7658



85.9768, 92.2508, 99.6102



18.6604, 18.9387, 21.7968



27.7125, 13.5007, 36.7900

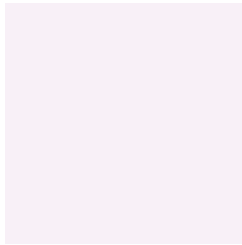


2.5920, 1.2606, 3.5410



# Previews

## White Background



This preview shows how the XYZ color 86.6600, 88.9920, 100.6054 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

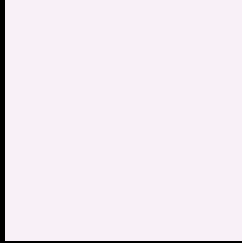
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 86.6600, 88.9920, 100.6054 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

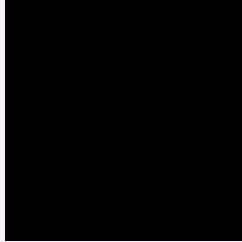
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 86.6600, 88.9920, 100.6054

## Background



This preview shows how black text looks on a background with the XYZ color 86.6600, 88.9920, 100.6054.



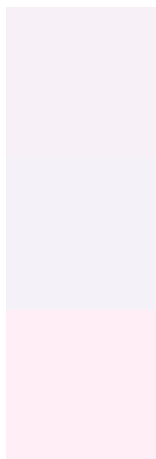
This preview shows how white text looks on a background with the XYZ color 86.6600, 88.9920,

100.6054.

# 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

86.6600, 88.9920, 100.6054

### Protanopia

86.0548, 89.1004, 101.4695

### Deuteranopia

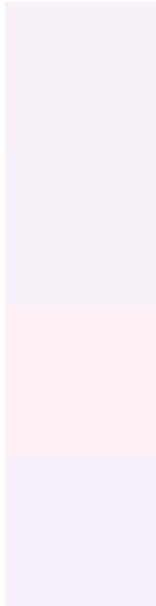
88.4491, 89.0629, 99.7179



## Tritanopia

87.6279, 88.9095, 107.1505

# Trichromacy



## Original Color

86.6600, 88.9920, 100.6054

## Protanomaly

86.4046, 89.2807, 101.4858

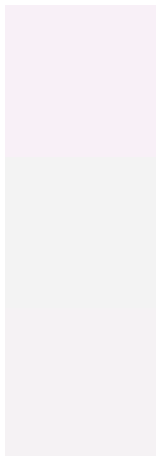
## Deuteranomaly

87.6459, 89.0823, 99.7639

## Tritanomaly

87.1486, 88.7177, 104.6265

# Monochromacy



## Original Color

86.6600, 88.9920, 100.6054

## Achromatopsia

85.1904, 89.6269, 97.6037

## Achromatomaly

85.7375, 89.4484, 98.3344

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 86.6600, 88.9920, 100.6054 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(248, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(248, 240, 247)  
}
```

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(248, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 240, 247) }
```

## Border

The CSS property to change the border of an element to XYZ 86.6600, 88.9920, 100.6054 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(248, 240, 247) }
```



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

```
.border{ border-color:rgb(248, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 240,  
247) }
```

# Background

The CSS property to change the background color of an element to XYZ 86.6600, 88.9920, 100.6054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 240, 247) }
```

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

```
.background{ background-color: rgb(248,  
240, 247) }
```

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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