

Converting Colors

XYZ(104.1403, 94.9296,
105.6370)

Have a look what the booklet for
XYZ(104.1403, 94.9296, 105.6370)
contains.

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Color

**XYZ(88.1085, 86.6297,
105.0059)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9FD
RGB	255, 233, 253
RGB Percent	100%, 91%, 99%
CMY	0.0000, 0.0863, 0.0078
CMYK	0.00, 0.09, 0.01, 0.00
HSL	305°, 100%, 96%
HSV	305°, 9%, 100%
XYZ	88.1085, 86.6297, 105.0059
YIQ	241.8580, 6.6920, 10.8840

Conversions

Conversions Part 2

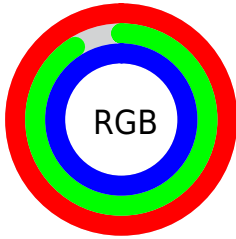
Format	Color
R_{YB}	255, 233, 253
Decimal	16771581
CIE _{Lab}	94.58, 10.88, -6.94
CIE _{LCh}	95, 12.907, 327.471
Yxy	86.6297, 0.3150, 0.3097
Android (android.graphics.Color)	4294961661 (0xFFFFE9FD)
YUV	241.8580, 5.4930, 11.5255
Hunter-Lab	93.0751, 6.0937, -1.7375

Details

The XYZ color **88.1085, 86.6297, 105.0059** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3623, 94.8431, 92.4608**, and the grayscale version is **84.2419, 88.6290, 96.5170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9746, 47.4356, 58.7993** is the 20% darker color. If you saturate the color by 10%, you get **81.0385, 73.0764, 100.8402**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

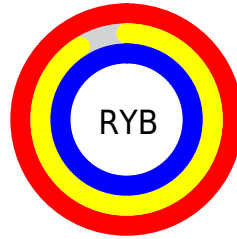
Distribution



Red (100%)

Green (91%)

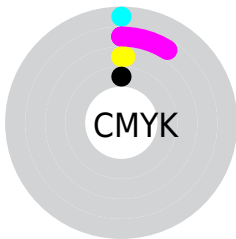
Blue (99%)



Red (100%)

Yellow (91%)

Blue (99%)

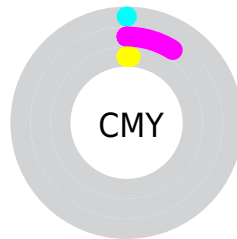


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.1085, 86.6297, 105.0059 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 88.1085, 86.6297, 105.0059 by changing the saturation by 10% instead.


 88.1085, 86.6297,
105.0059

 88.1085, 86.6297,
105.0059


510.1886,
517.0053, 597.5088

 66.7440, 65.1888,
79.8476


143.6000,
142.6479, 170.1312

 49.1466, 47.6142,
59.0675


178.4576,
177.9940, 210.9354

 34.9508, 33.5215,
42.2471


218.5438,
218.7439, 257.7919

 23.7913, 22.5262,
28.9678

264.2237,
265.2821, 311.1193

 15.3028, 14.2441,
18.8111

315.8628,
317.9930, 371.3361

 9.1198, 8.2906,
11.3584

373.8264,

 4.8772, 4.2815,

377.2608, 438.8610

6.1913

438.4799,
443.4702, 514.1124

■ 2.2094, 1.8322,
2.8911

■ 0.7477, 0.5071,
1.0393

■ 88.1085, 86.6297,
105.0059

■ 88.1085, 86.6297,
105.0059

■ 81.0385, 73.0764,
100.8402

95.0500, 100.0000,
108.9000

■ 74.9695, 61.5185,
97.0291

■ 69.8559, 51.8640,
93.5584

■ 65.6458, 44.0097,
90.4107

■ 62.2827, 37.8423,
87.5672

■ 59.7038, 33.2361,
85.0069

■ 57.8371, 30.0474,
82.7056

■ 56.5978, 28.1063,
80.6349

■ 55.8646, 27.1707,
78.7546

Harmonies

Analogous

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



85.4634, 86.6297, 112.3636



88.1085, 86.6297, 105.0059



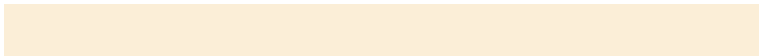
89.2040, 86.6297, 95.1727

Triad

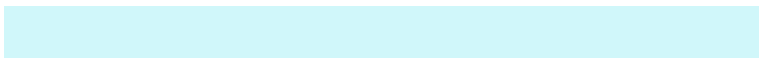
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1085, 86.6297, 105.0059



82.6344, 86.6297, 76.4515



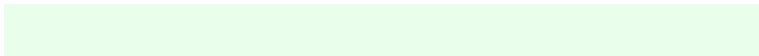
76.5454, 86.6297, 103.4413

Complementary

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



88.1085, 86.6297, 105.0059



84.3623, 94.8431, 92.4608

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.



75.8354, 86.6297, 93.4823



88.1085, 86.6297, 105.0059



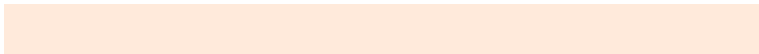
79.2916, 86.6297, 78.3283

Square

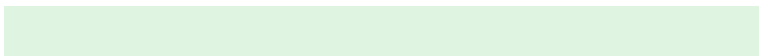
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



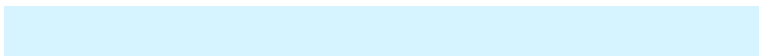
88.1085, 86.6297, 105.0059



85.9885, 86.6297, 79.0774



76.8269, 86.6297, 84.3941



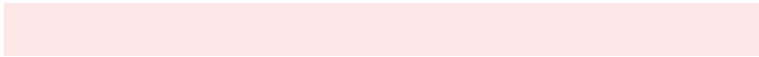
78.7941, 86.6297, 111.4165

Rectangle

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



88.1085, 86.6297, 105.0059



88.8858, 86.6297, 88.6895



76.8269, 86.6297, 84.3941



76.1217, 86.6297, 100.1943

Sweetspot

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



88.1105, 86.6332, 105.0078



92.5462, 95.1711, 107.5143



81.3984, 83.1360, 106.3644



19.6690, 20.1013, 22.9344



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.



88.1105, 86.6332, 105.0078



87.0770, 84.6474, 104.4131



86.4332, 85.9623, 96.1753



18.7173, 18.2702, 22.3944



29.1763, 14.1598, 41.1745



2.8608, 1.3867, 4.1142

Inverse Universe

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



88.1105, 86.6332, 105.0078



87.0770, 84.6474, 104.4131



85.9756, 95.4884, 100.9564



18.7173, 18.2702, 22.3944



29.1763, 14.1598, 41.1745



2.8608, 1.3867, 4.1142

Previews

White Background



This preview shows how the XYZ color 88.1085, 86.6297, 105.0059 looks on a white background.

Color Contrast Check

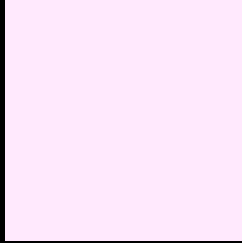
Large Text (above 18pt) WCAG AA × Fail

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 88.1085, 86.6297, 105.0059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

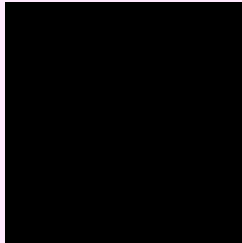
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1085, 86.6297, 105.0059

Background



This preview shows how black text looks on a background with the XYZ color 88.1085, 86.6297, 105.0059.

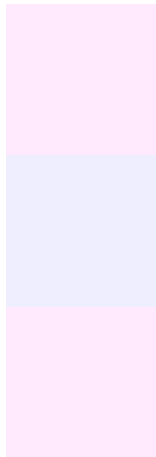


This preview shows how white text looks on a background with the XYZ color 88.1085, 86.6297,

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

88.1085, 86.6297, 105.0059

Protanopia

84.2211, 86.7198, 106.9074

Deuteranopia

87.9496, 86.5661, 104.1689



Tritanopia

87.9496, 86.5661, 104.1689

Trichromacy



Original Color

88.1085, 86.6297, 105.0059

Protanomaly

85.5410, 86.5591, 105.9650

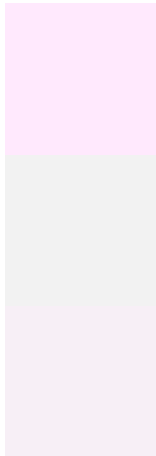
Deuteranomaly

87.9496, 86.5661, 104.1689

Tritanomaly

87.9496, 86.5661, 104.1689

Monochromacy



Original Color

88.1085, 86.6297, 105.0059

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.8588, 88.1610, 99.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1085, 86.6297, 105.0059 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 253) }
```

Border

The CSS property to change the border of an element to XYZ 88.1085, 86.6297, 105.0059 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, 253) }
```


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

```
.border{ border-color:rgb(255, 233, 253) }
```

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, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1085, 86.6297, 105.0059 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, 253) }
```

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

```
.background{ background-color: rgb(255,  
233, 253) }
```

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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