

Converting Colors

XYZ(65.5803, 52.0085, 65.3256)

Have a look what the booklet for
XYZ(65.5803, 52.0085, 65.3256)
contains.

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Color

**XYZ(65.5997, 51.9594,
65.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3CF
RGB	255, 163, 207
RGB Percent	100%, 64%, 81%
CMY	0.0000, 0.3608, 0.1882
CMYK	0.00, 0.36, 0.19, 0.00
HSL	331°, 100%, 82%
HSV	331°, 36%, 100%
XYZ	65.5997, 51.9594, 65.6032
YIQ	195.5240, 40.7080, 33.1880

Conversions

Conversions Part 2

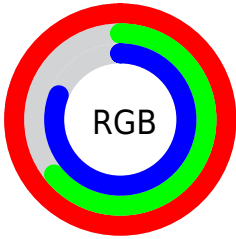
Format	Color
R_{YB}	255, 163, 207
Decimal	16753615
CIE Lab	77.26, 39.90, -8.13
CIE LCh	77, 40.719, 348.477
Yxy	51.9594, 0.3582, 0.2837
Android (android.graphics.Color)	4294943695 (0xFFFFA3CF)
YUV	195.5240, 5.6577, 52.1605
Hunter-Lab	72.0829, 36.3006, -3.5023

Details

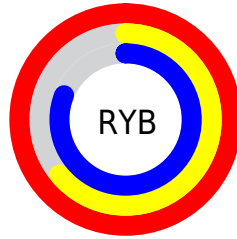
The XYZ color **65.5997, 51.9594, 65.6032** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.6241, 84.0106, 74.5465**, and the grayscale version is **52.1359, 54.8510, 59.7327**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **34.3517, 25.3221, 33.2141** is the 20% darker color. If you saturate the color by 10%, you get **59.9613, 43.1770, 56.0339**, and if you desaturate by 10%, it is **72.2904, 62.6267, 76.2009**.

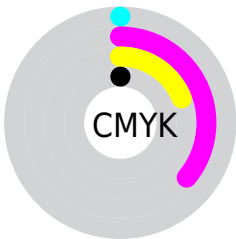
Distribution



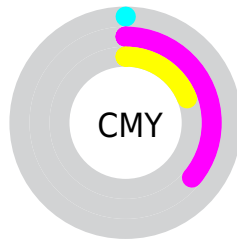
- Red (100%)
- Green (64%)
- Blue (81%)



- Red (100%)
- Yellow (64%)
- Blue (81%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5997, 51.9594, 65.6032 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 65.5997, 51.9594, 65.6032 by changing the saturation by 10% instead.


 65.5997, 51.9594,
65.6032


 65.5997, 51.9594,
65.6032


434.4551,
394.2798, 463.3219

 48.2140, 36.9727,
47.4959

 111.9725, 93.0714,
114.5382

 34.2084, 25.1864,
33.0707


 141.6904,
119.9654, 146.2030

 23.2174, 16.2160,
21.9091


176.2497,
151.5974, 183.2240

 14.8757, 9.6771,
13.5924

216.0158,
188.3517, 226.0199

 8.8179, 5.1854,
7.7022

261.3540,
230.6127, 275.0090

 4.6788, 2.3564,
3.8200

312.6297,

 2.0928, 0.8033,

278.7648, 330.6100

1.5271

370.2083,
333.1924, 393.2415

■ 0.6853, 0.0000,
0.2380

■ 0.0000, 0.0000,
0.0000

■ 65.5997, 51.9594,
65.6032

■ 65.5997, 51.9594,
65.6032

■ 59.9613, 43.1770,
56.0339

■ 72.2904, 62.6267,
76.2009

■ 55.3130, 36.1610,
47.4537

■ 80.0836, 75.2745,
87.8578

■ 51.5914, 30.7899,
39.8249

■ 89.0305, 90.0001,
100.6071

■ 48.7236, 26.9240,
33.1052

95.0500, 100.0000,
108.9000

■ 46.6249, 24.3996,
27.2476

■ 45.1905, 23.0140,
22.1976

■ 44.7498, 22.6639,
20.4122

Harmonies

Analogous

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



61.4962, 51.9594, 90.1209



65.5997, 51.9594, 65.6032



65.0320, 51.9594, 44.0169

Triad

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



65.5997, 51.9594, 65.6032



44.7805, 51.9594, 24.8158



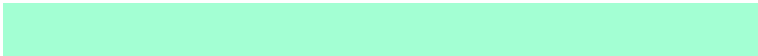
40.0896, 51.9594, 95.2429

Complementary

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



65.5997, 51.9594, 65.6032



62.6241, 84.0106, 74.5465

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.



36.4750, 51.9594, 71.3196



65.5997, 51.9594, 65.6032



38.9799, 51.9594, 32.5966

Square

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



65.5997, 51.9594, 65.6032



52.4451, 51.9594, 24.0450



36.0914, 51.9594, 48.4155



46.4479, 51.9594, 110.0070

Rectangle

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



65.5997, 51.9594, 65.6032



62.0917, 51.9594, 33.8239



36.0914, 51.9594, 48.4155



38.5435, 51.9594, 87.7542

Sweetspot

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



65.6009, 51.9617, 65.6042



84.4778, 82.4838, 94.1908



57.8797, 47.1972, 100.6671



17.8242, 17.2314, 19.7927



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.



65.6009, 51.9617, 65.6042



61.5876, 45.6854, 58.8705



61.2237, 50.6490, 41.2027



18.3712, 18.1318, 20.5717



23.4571, 11.8722, 11.0577



2.3388, 1.1779, 1.3653

Inverse Universe

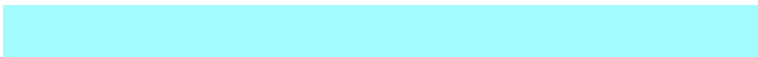
The Inverse Universe completely reimagines the original color for something new.



65.6009, 51.9617, 65.6042



61.5876, 45.6854, 58.8705



68.4284, 85.5528, 107.5145



18.3712, 18.1318, 20.5717



23.4571, 11.8722, 11.0577



2.3388, 1.1779, 1.3653

Previews

White Background



This preview shows how the XYZ color 65.5997, 51.9594, 65.6032 looks on a white background.

Color Contrast Check

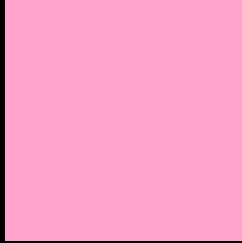
Large Text (above 18pt) WCAG AA × Fail

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 65.5997, 51.9594, 65.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

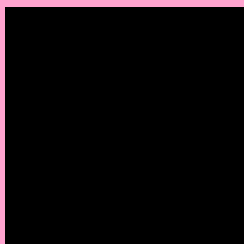
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5997, 51.9594, 65.6032

Background



This preview shows how black text looks on a background with the XYZ color 65.5997, 51.9594, 65.6032.



This preview shows how white text looks on a background with the XYZ color 65.5997, 51.9594,

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

65.5997, 51.9594, 65.6032

Protanopia

51.8756, 52.5230, 77.9248

Deuteranopia

53.2402, 52.2670, 63.7824



Tritanopia

62.3857, 51.9960, 49.9282

Trichromacy



Original Color

65.5997, 51.9594, 65.6032



Protanomaly

55.5545, 51.4061, 73.3240



Deuteranomaly

57.2509, 51.8884, 64.1248



Tritanomaly

63.4385, 51.8728, 55.3841

Monochromacy



Original Color

65.5997, 51.9594, 65.6032



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.1811, 53.2028, 61.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5997, 51.9594, 65.6032 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, 163, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 207)  
}
```

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, 163, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 207) }
```

Border

The CSS property to change the border of an element to XYZ 65.5997, 51.9594, 65.6032 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, 163, 207) }
```


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

```
.border{ border-color:rgb(255, 163, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5997, 51.9594, 65.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 207) }
```

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

```
.background{ background-color: rgb(255,  
163, 207) }
```

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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