

Converting Colors

XYZ(64.5916, 50.0732, 64.8664)

Have a look what the booklet for
XYZ(64.5916, 50.0732, 64.8664)
contains.

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Color

**XYZ(64.6074, 50.1700,
64.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9ECE
RGB	255, 158, 206
RGB Percent	100%, 62%, 81%
CMY	0.0000, 0.3804, 0.1922
CMYK	0.00, 0.38, 0.19, 0.00
HSL	330°, 100%, 81%
HSV	330°, 38%, 100%
XYZ	64.6074, 50.1700, 64.6711
YIQ	192.4750, 42.4040, 35.4920

Conversions

Conversions Part 2

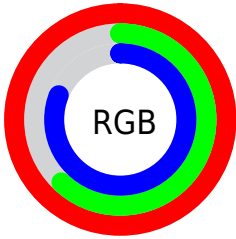
Format	Color
R_{YB}	255, 158, 206
Decimal	16752334
CIE _{Lab}	76.17, 42.33, -9.20
CIE _{LCh}	76, 43.316, 347.740
Yxy	50.1700, 0.3600, 0.2796
Android (android.graphics.Color)	4294942414 (0xFFFF9ECE)
YUV	192.4750, 6.6678, 54.8344
Hunter-Lab	70.8308, 38.8626, -4.5524

Details

The XYZ color **64.6074, 50.1700, 64.6711** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.1250, 83.2951, 71.8911**, and the grayscale version is **50.3267, 52.9476, 57.6600**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **33.7450, 24.2405, 32.6061** is the 20% darker color. If you saturate the color by 10%, you get **59.1991, 41.7559, 55.4612**, and if you desaturate by 10%, it is **71.0490, 60.4447, 74.8594**.

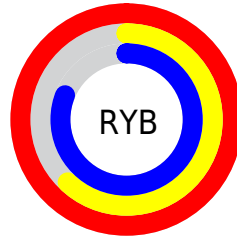
Distribution



Red (100%)

Green (62%)

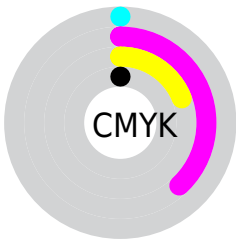
Blue (81%)



Red (100%)

Yellow (62%)

Blue (81%)

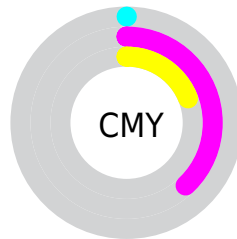


Cyan (0%)

Magenta (38%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6074, 50.1700, 64.6711 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 64.6074, 50.1700, 64.6711 by changing the saturation by 10% instead.

64.6074, 50.1700,
64.6711

64.6074, 50.1700,
64.6711

430.9473,
387.3304, 459.8829

47.4063, 35.5485,
46.7448

110.5541, 90.4267,
113.1856

33.5663, 24.0857,
32.4810

140.0304,
116.8307, 144.6109

22.7219, 15.3972,
21.4613

174.3292,
147.9310, 181.3729

14.5079, 9.0986,
13.2671

213.8158,
184.1119, 223.8902

8.5588, 4.8056,
7.4799

258.8555,
225.7579, 272.5813

4.5093, 2.1336,
3.6810

309.8138,

1.9941, 0.6834,

273.2534, 327.8648

1.4520

367.0559,
326.9828, 390.1591

■ 0.6307, 0.0000,
0.1818

■ 0.0000, 0.0000,
0.0000

■ 64.6074, 50.1700,
64.6711

■ 64.6074, 50.1700,
64.6711

■ 59.1991, 41.7559,
55.4612

■ 71.0490, 60.4447,
74.8594

■ 54.7608, 35.0817,
47.1918

■ 78.5742, 72.6771,
86.0559

■ 51.2281, 30.0236,
39.8265

■ 87.2349, 86.9656,
98.2923

■ 48.5267, 26.4379,
33.3240

95.0500, 100.0000,
108.9000

■ 46.5690, 24.1551,
27.6383

■ 45.2374, 22.9459,
22.7122

■ 45.0175, 22.7710,
21.8219

Harmonies

Analogous

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



60.1846, 50.1700, 90.5076



64.6074, 50.1700, 64.6711



64.1360, 50.1700, 42.1154

Triad

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



64.6074, 50.1700, 64.6711



43.0889, 50.1700, 22.1718



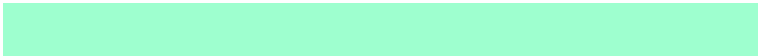
37.9467, 50.1700, 94.8022

Complementary

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



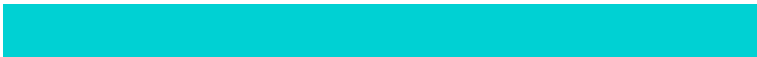
64.6074, 50.1700, 64.6711



61.1250, 83.2951, 71.8911

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.



34.3193, 50.1700, 69.3984



64.6074, 50.1700, 64.6711



37.0484, 50.1700, 29.7576

Square

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



64.6074, 50.1700, 64.6711



51.0742, 50.1700, 21.5713



34.0103, 50.1700, 45.6800



44.4493, 50.1700, 110.9333

Rectangle

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



64.6074, 50.1700, 64.6711



61.1127, 50.1700, 31.5940



34.0103, 50.1700, 45.6800



36.3842, 50.1700, 86.7816

Sweetspot

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



64.6087, 50.1723, 64.6721



84.5472, 82.5115, 94.5560



55.8716, 44.8700, 100.3238



17.8407, 17.2380, 19.8796



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.



64.6087, 50.1723, 64.6721



60.2200, 43.3248, 57.2596



59.6401, 48.1848, 38.5080



18.3841, 18.1370, 20.6400



23.5978, 11.9284, 11.7982



2.3527, 1.1835, 1.4387

Inverse Universe

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



64.6087, 50.1723, 64.6721



60.2200, 43.3248, 57.2596



67.9119, 86.0098, 107.6300



18.3841, 18.1370, 20.6400



23.5978, 11.9284, 11.7982



2.3527, 1.1835, 1.4387

Previews

White Background



This preview shows how the XYZ color 64.6074, 50.1700, 64.6711 looks on a white background.

Color Contrast Check

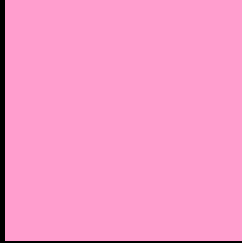
Large Text (above 18pt) WCAG AA × Fail

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 64.6074, 50.1700, 64.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

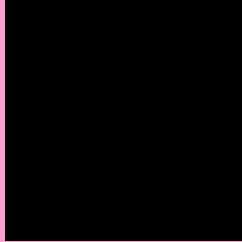
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6074, 50.1700, 64.6711

Background



This preview shows how black text looks on a background with the XYZ color 64.6074, 50.1700, 64.6711.



This preview shows how white text looks on a background with the XYZ color 64.6074, 50.1700,

64.6711.

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

64.6074, 50.1700, 64.6711

Protanopia

50.0473, 50.6258, 77.6550

Deuteranopia

51.4136, 50.4106, 62.8975



Tritanopia

61.2568, 50.3810, 47.5702

Trichromacy



Original Color

64.6074, 50.1700, 64.6711



Protanomaly

53.7818, 49.3258, 72.3319



Deuteranomaly

55.4307, 49.7995, 63.1907



Tritanomaly

62.3980, 50.3112, 53.4360

Monochromacy



Original Color

64.6074, 50.1700, 64.6711



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.4236, 51.1208, 59.8222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6074, 50.1700, 64.6711 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, 158, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 206)  
}
```

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, 158, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 206) }
```

Border

The CSS property to change the border of an element to XYZ 64.6074, 50.1700, 64.6711 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, 158, 206) }
```


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

```
.border{ border-color:rgb(255, 158, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6074, 50.1700, 64.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 206) }
```

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

```
.background{ background-color: rgb(255,  
158, 206) }
```

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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