

Converting Colors

XYZ(67.0580, 53.2194, 60.2403)

Have a look what the booklet for
XYZ(67.0580, 53.2194, 60.2403)
contains.

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Color

**XYZ(64.7085, 51.8881,
60.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4C6
RGB	255, 164, 198
RGB Percent	100%, 64%, 78%
CMY	0.0000, 0.3568, 0.2235
CMYK	0.00, 0.36, 0.22, 0.00
HSL	338°, 100%, 82%
HSV	338°, 36%, 100%
XYZ	64.7085, 51.8881, 60.0310
YIQ	195.0850, 43.3220, 29.8660

Conversions

Conversions Part 2

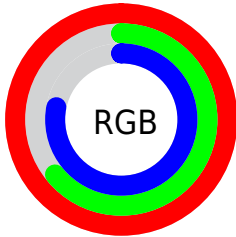
Format	Color
R _Y B	255, 164, 198
Decimal	16753862
CIE Lab	77.21, 38.07, -3.28
CIE LCh	77, 38.214, 355.071
Yxy	51.8881, 0.3664, 0.2938
Android (android.graphics.Color)	4294943942 (0xFFFFFA4C6)
YUV	195.0850, 1.4371, 52.5455
Hunter-Lab	72.0334, 34.2903, 1.0124

Details

The XYZ color **64.7085, 51.8881, 60.0310** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.1230, 84.6339, 81.3666**, and the grayscale version is **51.8972, 54.5999, 59.4593**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **33.7444, 25.2528, 29.4813** is the 20% darker color. If you saturate the color by 10%, you get **58.8477, 42.9611, 49.4617**, and if you desaturate by 10%, it is **71.6810, 62.7271, 71.9308**.

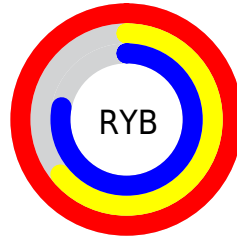
Distribution



Red (100%)

Green (64%)

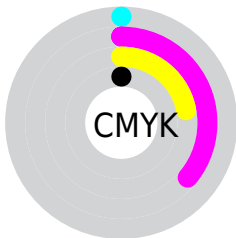
Blue (78%)



Red (100%)

Yellow (64%)

Blue (78%)

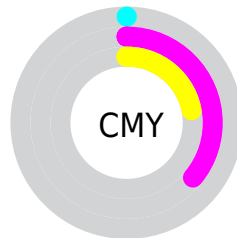


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7085, 51.8881, 60.0310 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 64.7085, 51.8881, 60.0310 by changing the saturation by 10% instead.


 64.7085, 51.8881,
60.0310


 64.7085, 51.8881,
60.0310

431.3055,
394.0045, 442.5198

 47.4886, 36.9159,
43.0182

 110.6987, 92.9662,
106.4184

 33.6316, 25.1424,
29.5679


 140.1997,
119.8409, 136.6301

 22.7723, 16.1832,
19.2615


174.5251,
151.4518, 172.0785

 14.5452, 9.6539,
11.6807

214.0402,
188.1834, 213.1822

 8.5851, 5.1701,
6.4068

259.1105,
230.4201, 260.3596

 4.5265, 2.3474,
3.0212

310.1012,

 2.0041, 0.7986,

278.5462, 314.0293

1.1055

367.3778,
332.9462, 374.6099

■ 0.6363, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7085, 51.8881,
60.0310

■ 64.7085, 51.8881,
60.0310

■ 58.8477, 42.9611,
49.4617

■ 71.6810, 62.7271,
71.9308

■ 54.0338, 35.8268,
40.1700

■ 79.8176, 75.5743,
85.2049

■ 50.2009, 30.3633,
32.1033

■ 89.1718, 90.5277,
99.8990

■ 47.2736, 26.4302,
25.2036

95.0500, 100.0000,
108.9000

■ 45.1643, 23.8638,
19.4072

■ 43.7660, 22.4620,
14.6412

■ 43.3177, 22.0911,
12.8711

Harmonies

Analogous

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



61.7782, 51.8881, 82.8559



64.7085, 51.8881, 60.0310



63.1938, 51.8881, 41.0827

Triad

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



64.7085, 51.8881, 60.0310



43.5922, 51.8881, 27.2909



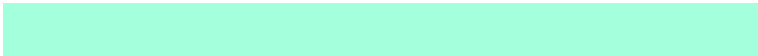
41.6919, 51.8881, 96.3986

Complementary

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



64.7085, 51.8881, 60.0310



64.1230, 84.6339, 81.3666

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.



37.6385, 51.8881, 75.3532



64.7085, 51.8881, 60.0310



38.6572, 51.8881, 36.4215

Square

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



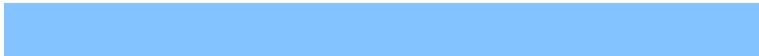
64.7085, 51.8881, 60.0310



50.5370, 51.8881, 25.1060



36.5847, 51.8881, 53.1051



48.1189, 51.8881, 106.9124

Rectangle

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



64.7085, 51.8881, 60.0310



59.9385, 51.8881, 32.4984



36.5847, 51.8881, 53.1051



40.0327, 51.8881, 90.1027

Sweetspot

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



64.7098, 51.8904, 60.0320



84.0443, 82.3104, 91.9079



60.8778, 49.0074, 100.8585



17.7211, 17.1901, 19.2498



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.



64.7098, 51.8904, 60.0320



60.3154, 45.1765, 52.1710



63.1980, 54.4537, 42.3047



18.2900, 18.0993, 20.1444



22.7006, 11.5695, 7.0739



2.2611, 1.1468, 0.9564

Inverse Universe

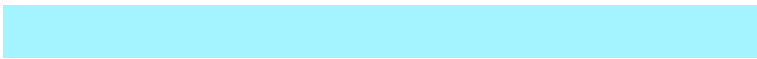
The Inverse Universe completely reimagines the original color for something new.



64.7098, 51.8904, 60.0320



60.3154, 45.1765, 52.1710



65.8275, 80.0459, 106.5887



18.2900, 18.0993, 20.1444



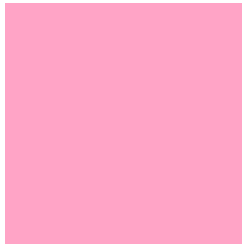
22.7006, 11.5695, 7.0739



2.2611, 1.1468, 0.9564

Previews

White Background



This preview shows how the XYZ color 64.7085, 51.8881, 60.0310 looks on a white background.

Color Contrast Check

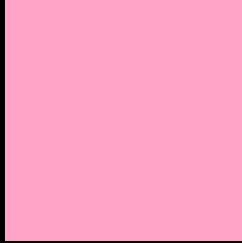
Large Text (above 18pt) WCAG AA × Fail

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 64.7085, 51.8881, 60.0310 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 64.7085, 51.8881, 60.0310

Background



This preview shows how black text looks on a background with the XYZ color 64.7085, 51.8881, 60.0310.



This preview shows how white text looks on a background with the XYZ color 64.7085, 51.8881,

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

64.7085, 51.8881, 60.0310

Protanopia

51.2901, 52.3733, 71.0241

Deuteranopia

53.0990, 52.0029, 58.2779



Tritanopia

62.5649, 51.8154, 49.8839

Trichromacy



Original Color

64.7085, 51.8881, 60.0310



Protanomaly

55.0604, 51.5989, 66.7321



Deuteranomaly

56.6238, 51.3920, 58.5650



Tritanomaly

63.4789, 51.9311, 53.6917

Monochromacy



Original Color

64.7085, 51.8881, 60.0310



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.7196, 53.0182, 59.5214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7085, 51.8881, 60.0310 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, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 198)  
}
```

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, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 198) }
```

Border

The CSS property to change the border of an element to XYZ 64.7085, 51.8881, 60.0310 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, 164, 198) }
```


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

```
.border{ border-color:rgb(255, 164, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7085, 51.8881, 60.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 198) }
```

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

```
.background{ background-color: rgb(255,  
164, 198) }
```

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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