

Converting Colors

XYZ(92.3392, 65.1456, 67.5311)

Have a look what the booklet for
XYZ(92.3392, 65.1456, 67.5311)
contains.

XYZ(65.3700, 51.3038, 66.1318)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3700, 51.3038,
66.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1D0
RGB	255, 161, 208
RGB Percent	100%, 63%, 82%
CMY	0.0000, 0.3686, 0.1843
CMYK	0.00, 0.37, 0.18, 0.00
HSL	330°, 100%, 82%
HSV	330°, 37%, 100%
XYZ	65.3700, 51.3038, 66.1318
YIQ	194.4640, 40.9370, 34.5450

Conversions

Conversions Part 2

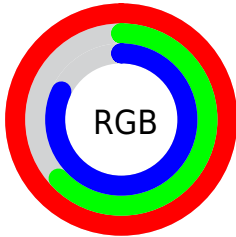
Format	Color
R _Y B	255, 161, 208
Decimal	16753104
CIE Lab	76.86, 41.08, -9.27
CIE LCh	77, 42.112, 347.289
Yxy	51.3038, 0.3576, 0.2806
Android (android.graphics.Color)	4294943184 (0xFFFFA1D0)
YUV	194.4640, 6.6732, 53.0901
Hunter-Lab	71.6267, 37.5611, -4.6029

Details

The XYZ color **65.3700, 51.3038, 66.1318** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8451, 83.6521, 72.5648**, and the grayscale version is **51.4990, 54.1810, 59.0031**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **34.2213, 24.9285, 33.5799** is the 20% darker color. If you saturate the color by 10%, you get **59.8535, 42.6811, 56.8620**, and if you desaturate by 10%, it is **71.9239, 61.7988, 76.3708**.

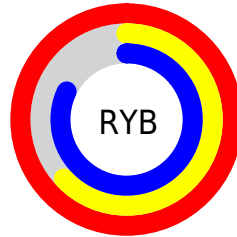
Distribution



Red (100%)

Green (63%)

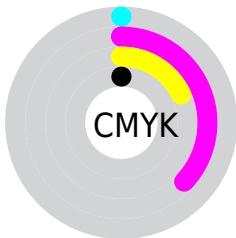
Blue (82%)



Red (100%)

Yellow (63%)

Blue (82%)

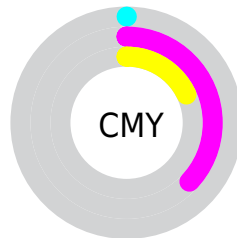


Cyan (0%)

Magenta (37%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3700, 51.3038, 66.1318 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 65.3700, 51.3038, 66.1318 by changing the saturation by 10% instead.


 65.3700, 51.3038,
66.1318


 65.3700, 51.3038,
66.1318


433.6446,
391.7430, 465.2652

 48.0270, 36.4504,
47.9222

 111.6444, 92.1037,
115.3043

 34.0596, 24.7823,
33.4058

 141.3065,
118.8190, 147.1043

 23.1025, 15.9149,
22.1638


175.8056,
150.2571, 184.2715

 14.7903, 9.4640,
13.7778

215.5071,
186.8023, 227.2246

 8.7577, 5.0450,
7.8293

260.7765,
228.8392, 276.3819

 4.6393, 2.2737,
3.8997

311.9789,

 2.0698, 0.7597,

276.7519, 332.1621

1.5705

369.4799,
330.9251, 394.9837

■ 0.6727, 0.0000,
0.2696

■ 0.0000, 0.0000,
0.0000

■ 65.3700, 51.3038,
66.1318

■ 65.3700, 51.3038,
66.1318

■ 59.8535, 42.6811,
56.8620

■ 71.9239, 61.7988,
76.3708

■ 55.3119, 35.8114,
48.5244

■ 79.5649, 74.2621,
87.6080

■ 51.6818, 30.5723,
41.0831

■ 88.3444, 88.7914,
99.8746

■ 48.8900, 26.8229,
34.4983

95.0500, 100.0000,
108.9000

■ 46.8511, 24.3973,
28.7249

■ 45.4575, 23.0860,
23.7102

■ 45.1031, 22.8052,
22.2726

Harmonies

Analogous

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



60.9685, 51.3038, 91.4107



65.3700, 51.3038, 66.1318



64.9839, 51.3038, 43.7586

Triad

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



65.3700, 51.3038, 66.1318



44.3302, 51.3038, 23.4592



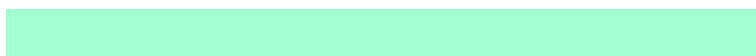
39.0504, 51.3038, 94.9121

Complementary

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



65.3700, 51.3038, 66.1318



61.8451, 83.6521, 72.5648

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.



35.4941, 51.3038, 70.0116



65.3700, 51.3038, 66.1318



38.3054, 51.3038, 30.9797

Square

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



65.3700, 51.3038, 66.1318



52.2282, 51.3038, 22.9518



35.2372, 51.3038, 46.7130



45.4541, 51.3038, 110.8351

Rectangle

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



65.3700, 51.3038, 66.1318



62.0610, 51.3038, 33.1861



35.2372, 51.3038, 46.7130



37.5143, 51.3038, 87.0468

Sweetspot

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



65.3713, 51.3061, 66.1328



84.5688, 82.5202, 94.6697



56.8093, 46.1223, 100.5161



17.8458, 17.2400, 19.9067



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.



65.3713, 51.3061, 66.1328



61.3294, 44.9637, 59.4169



60.4196, 49.3254, 40.0575



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4620

Inverse Universe

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



65.3713, 51.3061, 66.1328



61.3294, 44.9637, 59.4169



68.5092, 86.3177, 107.6579



18.3882, 18.1386, 20.6612



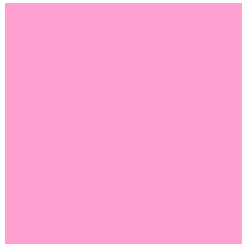
23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 65.3700, 51.3038, 66.1318 looks on a white background.

Color Contrast Check

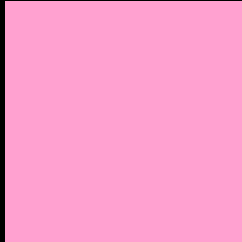
Large Text (above 18pt) WCAG AA × Fail

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 65.3700, 51.3038, 66.1318 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 65.3700, 51.3038, 66.1318

Background



This preview shows how black text looks on a background with the XYZ color 65.3700, 51.3038, 66.1318.



This preview shows how white text looks on a background with the XYZ color 65.3700, 51.3038,

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

65.3700, 51.3038, 66.1318

Protanopia

51.4535, 51.9535, 79.2676

Deuteranopia

52.6052, 51.6141, 64.3167



Tritanopia

61.9178, 51.2226, 49.2713

Trichromacy



Original Color

65.3700, 51.3038, 66.1318



Protanomaly

55.2008, 50.9100, 73.9350



Deuteranomaly

56.3636, 50.8306, 64.5982



Tritanomaly

63.0777, 51.1513, 55.2638

Monochromacy



Original Color

65.3700, 51.3038, 66.1318



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.3557, 52.1783, 61.1867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3700, 51.3038, 66.1318 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, 161, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 208)  
}
```

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, 161, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 208) }
```

Border

The CSS property to change the border of an element to XYZ 65.3700, 51.3038, 66.1318 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, 161, 208) }
```


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

```
.border{ border-color:rgb(255, 161, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 161, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3700, 51.3038, 66.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 208) }
```

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

```
.background{ background-color: rgb(255,  
161, 208) }
```

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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