

Converting Colors

XYZ(70.8924, 54.4957, 66.1735)

Have a look what the booklet for
XYZ(70.8924, 54.4957, 66.1735)
contains.

XYZ(65.5455, 51.6547, 66.1902)	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(65.5455, 51.6547,
66.1902)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2D0
RGB	255, 162, 208
RGB Percent	100%, 64%, 82%
CMY	0.0000, 0.3647, 0.1843
CMYK	0.00, 0.36, 0.18, 0.00
HSL	330°, 100%, 82%
HSV	330°, 36%, 100%
XYZ	65.5455, 51.6547, 66.1902
YIQ	195.0510, 40.6620, 34.0220

Conversions

Conversions Part 2

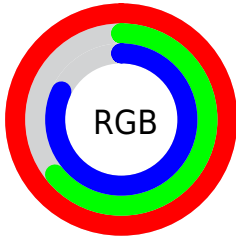
Format	Color
R _Y B	255, 162, 208
Decimal	16753360
CIE Lab	77.07, 40.56, -8.95
CIE LCh	77, 41.540, 347.556
Yxy	51.6547, 0.3574, 0.2817
Android (android.graphics.Color)	4294943440 (0xFFFFA2D0)
YUV	195.0510, 6.3839, 52.5753
Hunter-Lab	71.8712, 37.0148, -4.2936

Details

The XYZ color **65.5455, 51.6547, 66.1902** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.1708, 83.8057, 73.2244**, and the grayscale version is **51.8495, 54.5498, 59.4047**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **34.3273, 25.1407, 33.6152** is the 20% darker color. If you saturate the color by 10%, you get **59.9788, 42.9565, 56.8271**, and if you desaturate by 10%, it is **72.1542, 62.2303, 76.5376**.

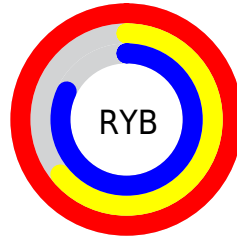
Distribution



Red (100%)

Green (64%)

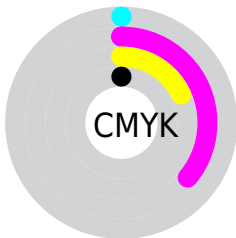
Blue (82%)



Red (100%)

Yellow (64%)

Blue (82%)

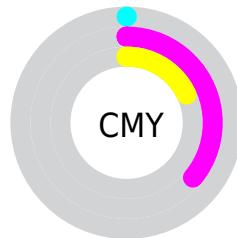


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5455, 51.6547, 66.1902 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 65.5455, 51.6547, 66.1902 by changing the saturation by 10% instead.


 65.5455, 51.6547,
66.1902


 65.5455, 51.6547,
66.1902


434.2640,
393.1021, 465.4796

 48.1699, 36.7299,
47.9694

 111.8951, 92.6218,
115.3889

 34.1733, 24.9984,
33.4428


 141.5998,
119.4329, 147.2038

 23.1902, 16.0759,
22.1920


176.1449,
150.9749, 184.3872

 14.8555, 9.5779,
13.7984

215.8958,
187.6322, 227.3575

 8.8037, 5.1200,
7.8434

261.2178,
229.7892, 276.5334

 4.6694, 2.3178,
3.9086

312.4762,

 2.0874, 0.7831,

277.8302, 332.3333

1.5753

370.0365,
332.1397, 395.1759

■ 0.6823, 0.0000,
0.2731

■ 0.0000, 0.0000,
0.0000

■ 65.5455, 51.6547,
66.1902

■ 65.5455, 51.6547,
66.1902

■ 59.9788, 42.9565,
56.8271

■ 72.1542, 62.2303,
76.5376

■ 55.3920, 36.0170,
48.4108

■ 79.8550, 74.7793,
87.8986

■ 51.7217, 30.7143,
40.9050

■ 88.6988, 89.3989,
100.3049

■ 48.8951, 26.9080,
34.2694

95.0500, 100.0000,
108.9000

■ 46.8273, 24.4335,
28.4586

■ 45.4125, 23.0854,
23.4198

■ 45.0138, 22.7695,
21.8028

Harmonies

Analogous

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



61.2323, 51.6547, 91.1696



65.5455, 51.6547, 66.1902



65.1196, 51.6547, 44.0706

Triad

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



65.5455, 51.6547, 66.1902



44.6383, 51.6547, 24.0321



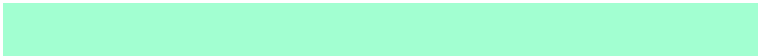
39.5062, 51.6547, 95.0233

Complementary

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



65.5455, 51.6547, 66.1902



62.1708, 83.8057, 73.2244

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.



35.9438, 51.6547, 70.4732



65.5455, 51.6547, 66.1902



38.6801, 51.6547, 31.6160

Square

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



65.5455, 51.6547, 66.1902



52.4566, 51.6547, 23.4647



35.6586, 51.6547, 47.3463



45.8826, 51.6547, 110.5846

Rectangle

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



65.5455, 51.6547, 66.1902



62.2063, 51.6547, 33.6000



35.6586, 51.6547, 47.3463



37.9711, 51.6547, 87.2877

Sweetspot

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



65.5467, 51.6570, 66.1912



84.5462, 82.5112, 94.5511



57.1255, 46.5458, 100.5811



17.8405, 17.2379, 19.8785



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.



65.5467, 51.6570, 66.1912



61.2595, 44.9357, 59.0489



60.6836, 49.7117, 40.5823



18.3840, 18.1369, 20.6391



23.5959, 11.9276, 11.7882



2.3525, 1.1834, 1.4377

Inverse Universe

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



65.5467, 51.6570, 66.1912



61.2595, 44.9357, 59.0489



68.7116, 86.4220, 107.6674



18.3840, 18.1369, 20.6391



23.5959, 11.9276, 11.7882



2.3525, 1.1834, 1.4377

Previews

White Background



This preview shows how the XYZ color 65.5455, 51.6547, 66.1902 looks on a white background.

Color Contrast Check

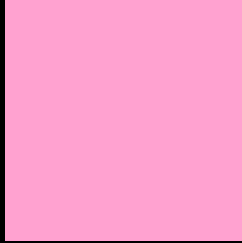
Large Text (above 18pt) WCAG AA × Fail

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 65.5455, 51.6547, 66.1902 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 65.5455, 51.6547, 66.1902

Background



This preview shows how black text looks on a background with the XYZ color 65.5455, 51.6547, 66.1902.



This preview shows how white text looks on a background with the XYZ color 65.5455, 51.6547,

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

65.5455, 51.6547, 66.1902

Protanopia

51.3166, 51.8987, 78.5469

Deuteranopia

52.8766, 51.7541, 64.3294



Tritanopia

62.2018, 51.6282, 49.8669

Trichromacy



Original Color

65.5455, 51.6547, 66.1902



Protanomaly

55.2008, 50.9100, 73.9350



Deuteranomaly

56.8658, 51.3817, 64.6781



Tritanomaly

63.2574, 51.5106, 55.3237

Monochromacy



Original Color

65.5455, 51.6547, 66.1902



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.9741, 52.7888, 61.8827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5455, 51.6547, 66.1902 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, 162, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 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, 162, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 208) }
```

Border

The CSS property to change the border of an element to XYZ 65.5455, 51.6547, 66.1902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

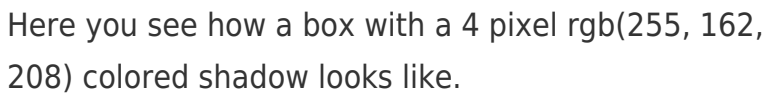
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 162, 208) }
```


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

```
.border{ border-color:rgb(255, 162, 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, 162, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5455, 51.6547, 66.1902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 208) }
```

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

```
.background{ background-color: rgb(255,  
162, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor