

Converting Colors

XYZ(68.6213, 53.5504, 65.3328)

Have a look what the booklet for
XYZ(68.6213, 53.5504, 65.3328)
contains.

XYZ(65.4778, 51.9106, 64.9612)	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(65.4778, 51.9106,
64.9612)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3CE
RGB	255, 163, 206
RGB Percent	100%, 64%, 81%
CMY	0.0000, 0.3608, 0.1922
CMYK	0.00, 0.36, 0.19, 0.00
HSL	332°, 100%, 82%
HSV	332°, 36%, 100%
XYZ	65.4778, 51.9106, 64.9612
YIQ	195.4100, 41.0290, 32.8770

Conversions

Conversions Part 2

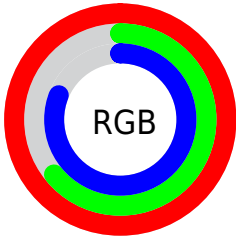
Format	Color
R _Y B	255, 163, 206
Decimal	16753614
CIE Lab	77.23, 39.75, -7.63
CIE LCh	77, 40.477, 349.132
Yxy	51.9106, 0.3591, 0.2847
Android (android.graphics.Color)	4294943694 (0xFFFFA3CE)
YUV	195.4100, 5.2209, 52.2604
Hunter-Lab	72.0490, 36.1342, -3.0230

Details

The XYZ color **65.4778, 51.9106, 64.9612** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.7499, 84.0609, 75.2089**, and the grayscale version is **52.0701, 54.7818, 59.6574**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **34.2694, 25.2892, 32.7809** is the 20% darker color. If you saturate the color by 10%, you get **59.8187, 43.1200, 55.2830**, and if you desaturate by 10%, it is **72.1947, 62.5884, 75.6968**.

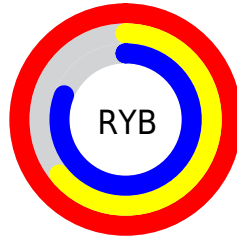
Distribution



Red (100%)

Green (64%)

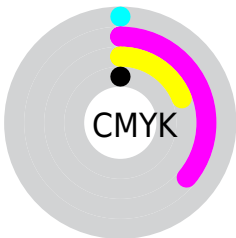
Blue (81%)



Red (100%)

Yellow (64%)

Blue (81%)

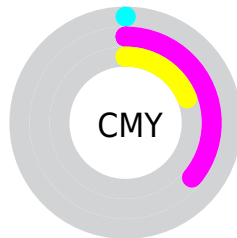


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (36%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4778, 51.9106, 64.9612 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 65.4778, 51.9106, 64.9612 by changing the saturation by 10% instead.


 65.4778, 51.9106,
64.9612


 65.4778, 51.9106,
64.9612


434.0251,
394.0914, 460.9549

 48.1148, 36.9338,
46.9785

 111.7984, 92.9994,
113.6068

 34.1294, 25.1563,
32.6644


 141.4867,
119.8802, 145.1068

 23.1564, 16.1935,
21.6005

176.0140,
151.4978, 181.9496

 14.8304, 9.6612,
13.3681

215.7459,
188.2365, 224.5538

 8.7859, 5.1749,
7.5488

261.0476,
230.4809, 273.3378

 4.6578, 2.3502,
3.7240

312.2844,

 2.0806, 0.8001,

278.6152, 328.7204

1.4752

369.8218,
333.0239, 391.1199

■ 0.6786, 0.0000,
0.1994

■ 0.0000, 0.0000,
0.0000

■ 65.4778, 51.9106,
64.9612

■ 65.4778, 51.9106,
64.9612

■ 59.8187, 43.1200,
55.2830

■ 72.1947, 62.5884,
75.6968

■ 55.1550, 36.0978,
46.6219

■ 80.0198, 75.2489,
87.5217

■ 51.4231, 30.7226,
38.9387

■ 89.0045, 89.9897,
100.4702

■ 48.5498, 26.8544,
32.1898

95.0500, 100.0000,
108.9000

■ 46.4500, 24.3297,
26.3269

■ 45.0189, 22.9453,
21.2938

■ 44.5805, 22.5962,
19.5208

Harmonies

Analogous

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



61.4950, 51.9106, 89.3177



65.4778, 51.9106, 64.9612



64.8086, 51.9106, 43.6505

Triad

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



65.4778, 51.9106, 64.9612



44.6125, 51.9106, 25.0169



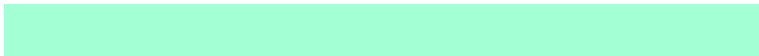
40.2127, 51.9106, 95.3516

Complementary

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



65.4778, 51.9106, 64.9612



62.7499, 84.0609, 75.2089

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.



36.5514, 51.9106, 71.7032



65.4778, 51.9106, 64.9612



38.9016, 51.9106, 32.9331

Square

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



65.4778, 51.9106, 64.9612



52.2044, 51.9106, 24.1033



36.0980, 51.9106, 48.8470



46.5813, 51.9106, 109.6811

Rectangle

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



65.4778, 51.9106, 64.9612



61.8319, 51.9106, 33.6295



36.0980, 51.9106, 48.8470



38.6543, 51.9106, 87.9797

Sweetspot

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



65.4790, 51.9129, 64.9622



84.4324, 82.4656, 93.9519



57.8796, 47.1971, 100.6671



17.8134, 17.2271, 19.7358



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.



65.4790, 51.9129, 64.9622



61.4508, 45.6307, 58.1502



61.2236, 50.6490, 41.2027



18.3627, 18.1284, 20.5270



23.3681, 11.8365, 10.5890



2.3299, 1.1743, 1.3185

Inverse Universe

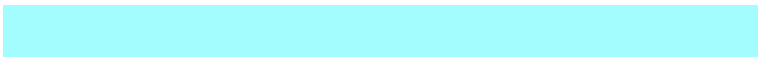
The Inverse Universe completely reimagines the original color for something new.



65.4790, 51.9129, 64.9622



61.4508, 45.6307, 58.1502



68.4284, 85.5528, 107.5145



18.3627, 18.1284, 20.5270



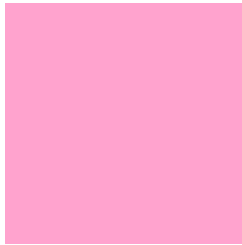
23.3681, 11.8365, 10.5890



2.3299, 1.1743, 1.3185

Previews

White Background



This preview shows how the XYZ color 65.4778, 51.9106, 64.9612 looks on a white background.

Color Contrast Check

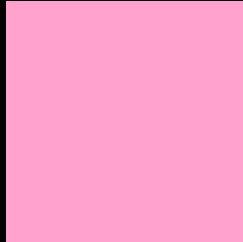
Large Text (above 18pt) WCAG AA × Fail

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 65.4778, 51.9106, 64.9612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

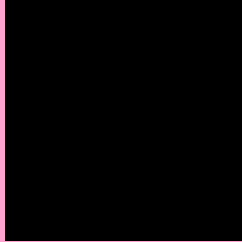
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4778, 51.9106, 64.9612

Background



This preview shows how black text looks on a background with the XYZ color 65.4778, 51.9106, 64.9612.



This preview shows how white text looks on a background with the XYZ color 65.4778, 51.9106,

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

65.4778, 51.9106, 64.9612

Protanopia

51.7403, 52.4689, 77.2125

Deuteranopia

53.3964, 52.3612, 63.1695



Tritanopia

62.3857, 51.9960, 49.9282

Trichromacy



Original Color

65.4778, 51.9106, 64.9612



Protanomaly

55.4240, 51.3539, 72.6368



Deuteranomaly

57.1313, 51.8406, 63.4950



Tritanomaly

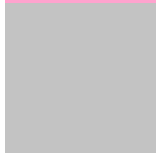
63.3295, 51.8292, 54.8103

Monochromacy



Original Color

65.4778, 51.9106, 64.9612



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.8576, 52.7422, 61.2691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4778, 51.9106, 64.9612 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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, 163, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 206) }
```

Border

The CSS property to change the border of an element to XYZ 65.4778, 51.9106, 64.9612 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, 206) }
```


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

```
.border{ border-color:rgb(255, 163, 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, 163, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4778, 51.9106, 64.9612 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, 206) }
```

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

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