

Converting Colors

XYZ(65.8350, 52.8433, 64.4075)

Have a look what the booklet for
XYZ(65.8350, 52.8433, 64.4075)
contains.

| | |
|--|----|
| XYZ(65.8957, 52.9402, 64.5030) | 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(65.8957, 52.9402,
64.5030)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA6CD |
| RGB | 255, 166, 205 |
| RGB Percent | 100%, 65%, 80% |
| CMY | 0.0000, 0.3490, 0.1961 |
| CMYK | 0.00, 0.35, 0.20, 0.00 |
| HSL | 334°, 100%, 83% |
| HSV | 334°, 35%, 100% |
| XYZ | 65.8957, 52.9402, 64.5030 |
| YIQ | 197.0570, 40.5250, 30.9970 |

Conversions

Conversions Part 2

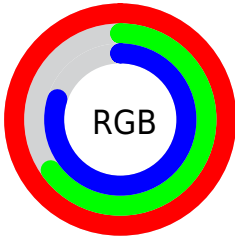
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 166, 205 |
| Decimal | 16754381 |
| CIE Lab | 77.84, 38.05, -6.18 |
| CIE LCh | 78, 38.547, 350.775 |
| Yxy | 52.9402, 0.3594, 0.2888 |
| Android (android.graphics.Color) | 4294944461 (0xFFFFA6CD) |
| YUV | 197.0570, 3.9159, 50.8160 |
| Hunter-Lab | 72.7600, 34.3299, -1.6296 |

Details

The XYZ color **65.8957, 52.9402, 64.5030** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.8825, 84.5858, 77.9290**, and the grayscale version is **53.0665, 55.8301, 60.7990**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **34.5170, 25.9149, 32.4610** is the 20% darker color. If you saturate the color by 10%, you get **60.0604, 43.9117, 54.4129**, and if you desaturate by 10%, it is **72.8108, 63.8745, 75.7356**.

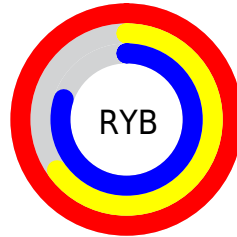
Distribution



Red (100%)

Green (65%)

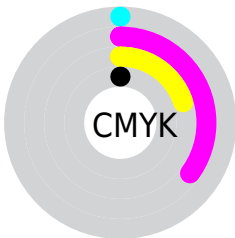
Blue (80%)



Red (100%)

Yellow (65%)

Blue (80%)

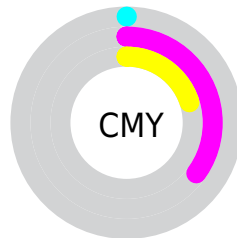


Cyan (0%)

Magenta (35%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8957, 52.9402, 64.5030 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 65.8957, 52.9402, 64.5030 by changing the saturation by 10% instead.

 65.8957, 52.9402,
64.5030


 65.8957, 52.9402,
64.5030


435.4983,
398.0557, 459.2610

 48.4551, 37.7550,
46.6094

 112.3952, 94.5164,
112.9414

 34.4002, 25.7926,
32.3749


 142.1848,
121.6762, 144.3234

 23.3656, 16.6686,
21.3808


176.8215,
153.5963, 181.0385

 14.9858, 9.9985,
13.2087

216.6706,
190.6611, 223.5054

 8.8957, 5.3979,
7.4400

262.0975,
233.2551, 272.1425

 4.7298, 2.4826,
3.6562


313.4675,


 2.1227, 0.8679,


281.7626, 327.3685


1.4387


371.1460,
336.5680, 389.6018


 0.7015, 0.0000,
0.1716


 0.0000, 0.0000,
0.0000

 65.8957, 52.9402,
64.5030


 65.8957, 52.9402,
64.5030


 60.0604, 43.9117,
54.4129


 72.8108, 63.8745,
75.7356

 55.2424, 36.6713,
45.4217

 80.8561, 76.8096,
88.1458

 51.3781, 31.0987,
37.4871

 90.0833, 91.8421,
101.7706

 48.3949, 27.0560,
30.5621

95.0500, 100.0000,
108.9000

■ 46.2085, 24.3825,
24.5948

■ 44.7163, 22.8809,
19.5256

■ 44.1499, 22.4239,
17.2532

Harmonies

Analogous

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



62.3055, 52.9402, 87.8189



65.8957, 52.9402, 64.5030



65.0028, 52.9402, 44.2291

Triad

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



65.8957, 52.9402, 64.5030



45.3858, 52.9402, 27.0652



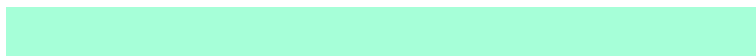
41.7581, 52.9402, 95.8130

Complementary

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



65.8957, 52.9402, 64.5030



63.8825, 84.5858, 77.9290

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.



38.0304, 52.9402, 73.5267



65.8957, 52.9402, 64.5030



39.9761, 52.9402, 35.3174

Square

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



65.8957, 52.9402, 64.5030



52.6596, 52.9402, 25.7893



37.4120, 52.9402, 51.2873



48.0470, 52.9402, 108.6241

Rectangle

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



65.8957, 52.9402, 64.5030



62.0174, 52.9402, 34.7047



37.4120, 52.9402, 51.2873



40.1912, 52.9402, 88.9548

Sweetspot

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



65.8969, 52.9425, 64.5041



85.2263, 83.9071, 94.6674



59.6978, 48.9346, 100.9067



17.9673, 17.5126, 19.8559



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.



65.8969, 52.9425, 64.5041



61.6452, 46.3408, 57.2238



62.5838, 52.9341, 42.9982



18.3400, 18.1193, 20.4074



23.1412, 11.7458, 9.3942



2.3069, 1.1651, 1.1978

Inverse Universe

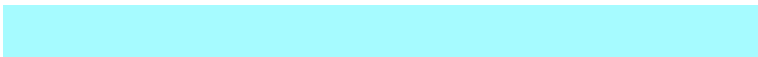
The Inverse Universe completely reimagines the original color for something new.



65.8969, 52.9425, 64.5041



61.6452, 46.3408, 57.2238



68.1341, 84.0414, 107.2383



18.3400, 18.1193, 20.4074



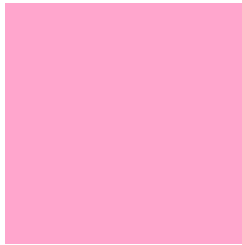
23.1412, 11.7458, 9.3942



2.3069, 1.1651, 1.1978

Previews

White Background



This preview shows how the XYZ color 65.8957, 52.9402, 64.5030 looks on a white background.

Color Contrast Check

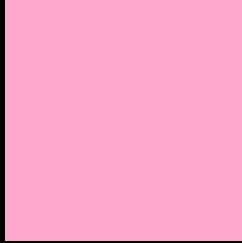
Large Text (above 18pt) WCAG AA × Fail

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 65.8957, 52.9402, 64.5030 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 65.8957, 52.9402, 64.5030

Background



This preview shows how black text looks on a background with the XYZ color 65.8957, 52.9402, 64.5030.



This preview shows how white text looks on a background with the XYZ color 65.8957, 52.9402,

64.5030.

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

65.8957, 52.9402, 64.5030

Protanopia

52.4210, 53.1734, 75.9072

Deuteranopia

54.3254, 53.1676, 62.6575



Tritanopia

63.4300, 53.0510, 51.6965

Trichromacy



Original Color

65.8957, 52.9402, 64.5030



Protanomaly

56.1451, 52.3592, 71.4372



Deuteranomaly

57.8321, 52.5120, 62.9649



Tritanomaly

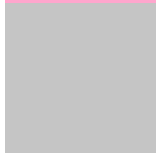
64.4650, 53.2084, 56.1628

Monochromacy



Original Color

65.8957, 52.9402, 64.5030



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.8977, 54.1934, 62.1051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8957, 52.9402, 64.5030 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, 166, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 205)  
}
```

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, 166, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 205) }
```

Border

The CSS property to change the border of an element to XYZ 65.8957, 52.9402, 64.5030 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, 166, 205) }
```


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

```
.border{ border-color:rgb(255, 166, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8957, 52.9402, 64.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 205) }
```

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

```
.background{ background-color: rgb(255,  
166, 205) }
```

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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