

Converting Colors

XYZ(65.0314, 52.0700, 84.1086)

Have a look what the booklet for
XYZ(65.0314, 52.0700, 84.1086)
contains.

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Color

**XYZ(65.1055, 52.0902,
84.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A6EA
RGB	242, 166, 234
RGB Percent	95%, 65%, 92%
CMY	0.0510, 0.3490, 0.0823
CMYK	0.00, 0.31, 0.03, 0.05
HSL	306°, 75%, 80%
HSV	306°, 31%, 95%
XYZ	65.1055, 52.0902, 84.4649
YIQ	196.4760, 23.4680, 37.2600

Conversions

Conversions Part 2

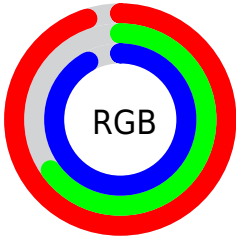
Format	Color
R _Y B	242, 166, 234
Decimal	15902442
CIE Lab	77.33, 38.45, -22.85
CIE LCh	77, 44.724, 329.282
Yxy	52.0902, 0.3228, 0.2583
Android (android.graphics.Color)	4294092522 (0xFFFF2A6EA)
YUV	196.4760, 18.4993, 39.9245
Hunter-Lab	72.1735, 34.7156, -18.8658

Details

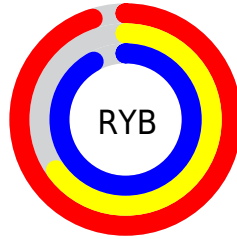
The XYZ color **65.1055, 52.0902, 84.4649** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.1202, 74.6690, 51.5549**, and the grayscale version is **52.6390, 55.3803, 60.3092**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **33.9486, 25.3389, 45.2211** is the 20% darker color. If you saturate the color by 10%, you get **60.7505, 43.9608, 81.2208**, and if you desaturate by 10%, it is **70.2967, 61.8816, 88.0148**.

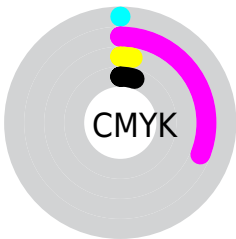
Distribution



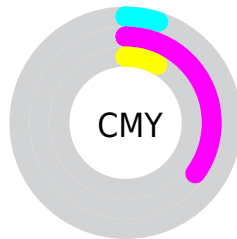
- Red (95%)
- Green (65%)
- Blue (92%)



- Red (95%)
- Yellow (65%)
- Blue (92%)



- Cyan (0%)
- Magenta (31%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1055, 52.0902, 84.4649 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 65.1055, 52.0902, 84.4649 by changing the saturation by 10% instead.


 65.1055, 52.0902,
84.4649


 65.1055, 52.0902,
84.4649

432.7102,
394.7847, 529.9541

 47.8116, 37.0770,
62.8517

 111.2664, 93.2643,
141.4928

 33.8884, 25.2671,
45.2810

 140.8641,
120.1939, 177.7447

 22.9703, 16.2762,
31.3343


175.2939,
151.8644, 219.7132

 14.6922, 9.7198,
20.5929

214.9210,
188.6603, 267.8168

 8.6885, 5.2136,
12.6384

260.1108,
230.9658, 322.4742

 4.5941, 2.3731,
7.0523

311.2287,

 2.0434, 0.8120,

279.1655, 384.1039

3.4159

368.6401,
333.6437, 453.1243

■ 0.6582, 0.0000,
1.3107

■ 0.0000, 0.0000,
0.0705

■ 65.1055, 52.0902,
84.4649

■ 65.1055, 52.0902,
84.4649

■ 60.7505, 43.9608,
81.2208

■ 70.2967, 61.8816,
88.0148

■ 57.1802, 37.3935,
78.2636

■ 76.3621, 73.4140,
91.8816

■ 54.3451, 32.2882,
75.5772

■ 83.3433, 86.7695,
96.0799

■ 52.1880, 28.5305,
73.1425

■ 88.7368, 96.9408,
99.7752

50.6432, 25.9891,
70.9373

89.1268, 97.0969,
101.8292

49.6317, 24.5062,
68.9354

89.5222, 97.2550,
103.9113

49.0811, 23.8626,
67.3410

89.9230, 97.4153,
106.0219

90.3292, 97.5778,
108.1610

90.4285, 97.6175,
108.6837

Harmonies

Analogous

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



58.0336, 52.0902, 108.7710



65.1055, 52.0902, 84.4649



67.9244, 52.0902, 57.3118

Triad

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



65.1055, 52.0902, 84.4649



49.7173, 52.0902, 21.3551



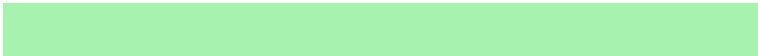
36.4593, 52.0902, 83.1340

Complementary

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



65.1055, 52.0902, 84.4649



55.1202, 74.6690, 51.5549

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.



34.7667, 52.0902, 56.1271



65.1055, 52.0902, 84.4649



41.8650, 52.0902, 24.6613

Square

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



65.1055, 52.0902, 84.4649



58.4328, 52.0902, 25.0028



36.6282, 52.0902, 35.8285



41.5455, 52.0902, 107.8593

Rectangle

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



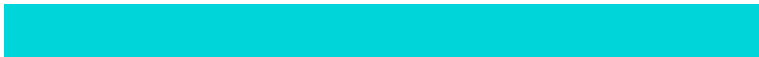
65.1055, 52.0902, 84.4649



66.7887, 52.0902, 42.4906



36.6282, 52.0902, 35.8285



35.5026, 52.0902, 73.8105

Sweetspot

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



65.1071, 52.0925, 84.4660



87.7741, 86.0667, 104.5677



47.0322, 42.6387, 89.7569



18.5527, 17.9740, 22.2381



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.



65.1071, 52.0925, 84.4660



69.9346, 52.3281, 92.6396



60.2656, 50.1559, 58.9706



16.3784, 16.0011, 19.5487



26.3968, 12.8312, 36.3359



2.2164, 1.0756, 3.1304

Inverse Universe

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



65.1071, 52.0925, 84.4660



69.9346, 52.3281, 92.6396



59.3133, 76.3462, 73.6354



16.3784, 16.0011, 19.5487



26.3968, 12.8312, 36.3359



2.2164, 1.0756, 3.1304

Previews

White Background



This preview shows how the XYZ color 65.1055, 52.0902, 84.4649 looks on a white background.

Color Contrast Check

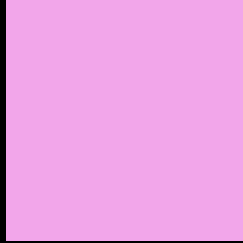
Large Text (above 18pt) WCAG AA × Fail

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 65.1055, 52.0902, 84.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

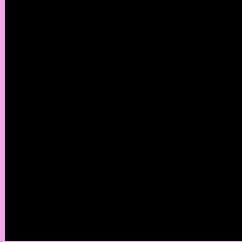
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1055, 52.0902, 84.4649

Background



This preview shows how black text looks on a background with the XYZ color 65.1055, 52.0902, 84.4649.



This preview shows how white text looks on a background with the XYZ color 65.1055, 52.0902,

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

65.1055, 52.0902, 84.4649

Protanopia

53.2894, 52.4742, 98.5867

Deuteranopia

53.5391, 52.3302, 82.1418



Tritanopia

58.9991, 52.1237, 54.5282

Trichromacy



Original Color

65.1055, 52.0902, 84.4649



Protanomaly

56.5585, 51.7824, 93.4003



Deuteranomaly

57.1222, 51.7114, 82.5719



Tritanomaly

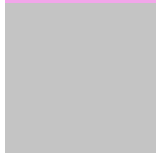
61.0319, 52.0900, 64.5952

Monochromacy



Original Color

65.1055, 52.0902, 84.4649



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.4224, 53.4972, 68.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1055, 52.0902, 84.4649 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(242, 166, 234)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 234)  
}
```

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(242, 166, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 234) }
```

Border

The CSS property to change the border of an element to XYZ 65.1055, 52.0902, 84.4649 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(242, 166, 234) }
```


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

```
.border{ border-color:rgb(242, 166, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1055, 52.0902, 84.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 234) }
```

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

```
.background{ background-color: rgb(242,  
166, 234) }
```

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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