

Converting Colors

XYZ(65.7944, 55.1262, 93.4621)

Have a look what the booklet for
XYZ(65.7944, 55.1262, 93.4621)
contains.

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Color

**XYZ(65.6110, 54.9669,
93.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B0F5
RGB	233, 176, 245
RGB Percent	91%, 69%, 96%
CMY	0.0863, 0.3098, 0.0392
CMYK	0.05, 0.28, 0.00, 0.04
HSL	290°, 78%, 83%
HSV	290°, 28%, 96%
XYZ	65.6110, 54.9669, 93.5378
YIQ	200.9090, 11.8230, 33.5430

Conversions

Conversions Part 2

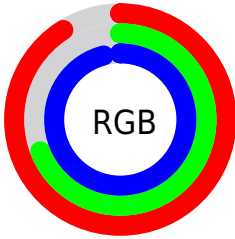
Format	Color
R _Y B	233, 176, 245
Decimal	15315189
CIE Lab	79.02, 32.31, -26.29
CIE LCh	79, 41.659, 320.865
Yxy	54.9669, 0.3064, 0.2567
Android (android.graphics.Color)	4293505269 (0xFFE9B0F5)
YUV	200.9090, 21.7369, 28.1438
Hunter-Lab	74.1397, 28.2218, -22.9051

Details

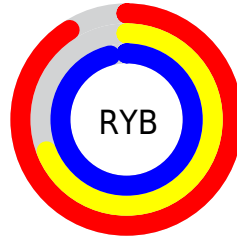
The XYZ color **65.6110, 54.9669, 93.5378** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.2299, 79.1322, 53.1239**, and the grayscale version is **55.3270, 58.2083, 63.3889**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **34.3997, 27.1872, 51.5787** is the 20% darker color. If you saturate the color by 10%, you get **59.8601, 45.5042, 92.0152**, and if you desaturate by 10%, it is **72.2659, 66.1854, 95.3533**.

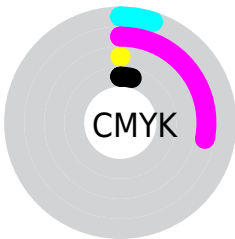
Distribution



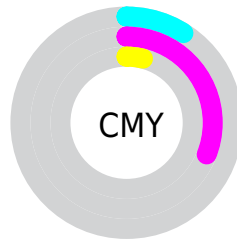
- Red (91%)
- Green (69%)
- Blue (96%)



- Red (91%)
- Yellow (69%)
- Blue (96%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6110, 54.9669, 93.5378 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 65.6110, 54.9669, 93.5378 by changing the saturation by 10% instead.

65.6110, 54.9669,
93.5378

65.6110, 54.9669,
93.5378

434.4950,
405.7864, 560.3375

48.2232, 39.3752,
70.3284

111.9887, 97.4925,
154.2211

34.2157, 27.0518,
51.3159

141.7093,
125.1951, 192.5321

23.2230, 17.6121,
36.0816

176.2715,
157.7036, 236.7141

14.8799, 10.6719,
24.2070

216.0408,
195.4022, 287.1856

8.8209, 5.8466,
15.2736

261.3824,
238.6754, 344.3652

4.6807, 2.7520,
8.8629

312.6617,

2.0940, 1.0037,

287.9076, 408.6713

4.5563

370.2441,
343.4831, 480.5226

■ 0.6859, 0.0000,
1.9352

■ 0.0000, 0.0000,
0.5150

■ 65.6110, 54.9669,
93.5378

■ 65.6110, 54.9669,
93.5378

■ 59.8601, 45.5042,
92.0152

■ 72.2659, 66.1854,
95.3533

■ 54.9610, 37.6967,
90.7665

■ 79.8629, 79.2390,
97.4725

■ 50.8642, 31.4447,
89.7756

■ 88.4442, 94.2108,
99.9100

■ 47.5128, 26.6346,
89.0238

■ 91.6822, 98.4450,
100.5566

■ 44.8419, 23.1371,
88.4895

■ 93.2268, 99.2413,
100.6289

■ 42.7752, 20.7999,
88.1473

■ 93.4816, 99.3726,
100.6409

■ 41.2068, 19.4115,
87.9620

■ 40.9448, 19.2039,
87.9357

Harmonies

Analogous

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



58.1304, 54.9669, 113.4516



65.6110, 54.9669, 93.5378



69.6175, 54.9669, 67.3948

Triad

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



65.6110, 54.9669, 93.5378



54.8165, 54.9669, 25.1424



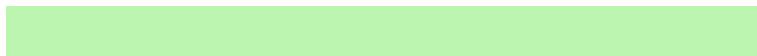
38.7189, 54.9669, 77.6278

Complementary

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



65.6110, 54.9669, 93.5378



61.2299, 79.1322, 53.1239

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.



38.0325, 54.9669, 52.8897



65.6110, 54.9669, 93.5378



46.7697, 54.9669, 26.5214

Square

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



65.6110, 54.9669, 93.5378



62.9659, 54.9669, 30.9617



40.8289, 54.9669, 35.4109



42.8148, 54.9669, 102.7072

Rectangle

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



65.6110, 54.9669, 93.5378



69.5164, 54.9669, 51.6497



40.8289, 54.9669, 35.4109



38.1001, 54.9669, 68.8744

Sweetspot

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



65.6128, 54.9693, 93.5390



87.5907, 87.0012, 106.7841



52.5106, 52.0701, 93.6699



18.4645, 18.1312, 22.7764



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.



65.6128, 54.9693, 93.5390



68.0166, 53.8477, 101.4165



66.5227, 55.8013, 77.1844



16.9143, 16.6140, 20.8579



22.1627, 10.3996, 47.3772



2.0206, 0.9515, 4.1674

Inverse Universe

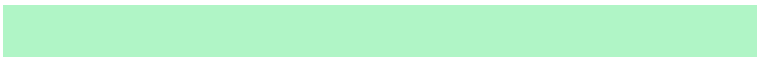
The Inverse Universe completely reimagines the original color for something new.



62.2605, 54.0964, 54.7397



63.8848, 52.8108, 51.8330



60.7346, 78.6066, 65.3093



16.6167, 16.5296, 17.7284



20.5520, 10.5642, 2.3492



1.8388, 0.9415, 0.3777

Previews

White Background



This preview shows how the XYZ color 65.6110, 54.9669, 93.5378 looks on a white background.

Color Contrast Check

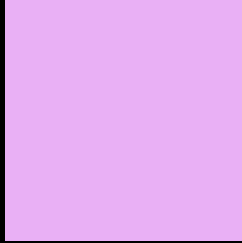
Large Text (above 18pt) WCAG AA × Fail

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 65.6110, 54.9669, 93.5378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

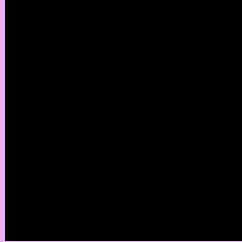
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6110, 54.9669, 93.5378

Background



This preview shows how black text looks on a background with the XYZ color 65.6110, 54.9669, 93.5378.



This preview shows how white text looks on a background with the XYZ color 65.6110, 54.9669,

93.5378.

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

65.6110, 54.9669, 93.5378

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.6149, 55.3165, 91.6976



Tritanopia

59.0218, 54.9902, 61.5362

Trichromacy



Original Color

65.6110, 54.9669, 93.5378



Protanomaly

58.7361, 54.6478, 98.7191



Deuteranomaly

59.4687, 54.8543, 92.2476



Tritanomaly

61.4357, 55.0718, 72.3576

Monochromacy



Original Color

65.6110, 54.9669, 93.5378



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.8146, 56.8552, 73.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6110, 54.9669, 93.5378 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(233, 176, 245)` looks like.

```
.text, #text, p{  
    color:rgb(233, 176, 245)  
}
```

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(233, 176, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 176, 245) }
```

Border

The CSS property to change the border of an element to XYZ 65.6110, 54.9669, 93.5378 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(233, 176, 245) }
```


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

```
.border{ border-color:rgb(233, 176, 245) }
```

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

Here you see how a box with a 4 pixel rgb(233, 176, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 176, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 176, 245);  
box-shadow:4px 4px 4px 4px rgb(233, 176,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6110, 54.9669, 93.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 176, 245) }
```

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

```
.background{ background-color: rgb(233,  
176, 245) }
```

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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