

Converting Colors

XYZ(55.5381, 45.9392, 67.1081)

Have a look what the booklet for
XYZ(55.5381, 45.9392, 67.1081)
contains.

| | |
|--|----|
| XYZ(55.5677, 45.9635, 66.9159) | 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(55.5677, 45.9635,
66.9159)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E2A0D2 |
| RGB | 226, 160, 210 |
| RGB Percent | 89%, 63%, 82% |
| CMY | 0.1137, 0.3725, 0.1765 |
| CMYK | 0.00, 0.29, 0.07, 0.11 |
| HSL | 315°, 53%, 76% |
| HSV | 315°, 29%, 89% |
| XYZ | 55.5677, 45.9635, 66.9159 |
| YIQ | 185.4340, 23.2860, 29.5420 |

Conversions

Conversions Part 2

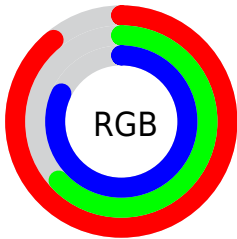
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 160, 210 |
| Decimal | 14852306 |
| CIE Lab | 73.52, 32.22, -15.69 |
| CIE LCh | 74, 35.834, 334.028 |
| Yxy | 45.9635, 0.3299, 0.2729 |
| Android (android.graphics.Color) | 4293042386 (0xFFE2A0D2) |
| YUV | 185.4340, 12.1110, 35.5764 |
| Hunter-Lab | 67.7964, 27.6596, -11.0625 |

Details

The XYZ color **55.5677, 45.9635, 66.9159** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.5319, 65.0023, 51.0132**, and the grayscale version is **46.2825, 48.6928, 53.0264**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **27.8565, 21.6377, 33.7186** is the 20% darker color. If you saturate the color by 10%, you get **51.3295, 38.5604, 62.1930**, and if you desaturate by 10%, it is **60.5441, 54.8044, 72.0013**.

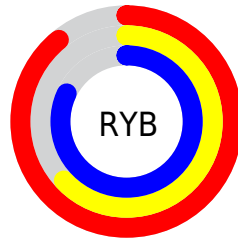
Distribution



Red (89%)

Green (63%)

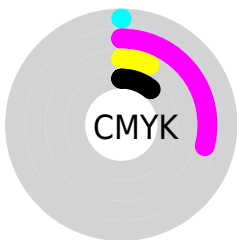
Blue (82%)



Red (89%)

Yellow (63%)

Blue (82%)

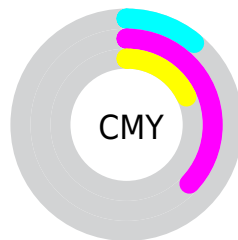


Cyan (0%)

Magenta (29%)

Yellow (7%)

Black (11%)



Cyan (11%)


Magenta (37%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5677, 45.9635, 66.9159 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 55.5677, 45.9635, 66.9159 by changing the saturation by 10% instead.


 55.5677, 45.9635,
66.9159


 55.5677, 45.9635,
66.9159


398.1618,
370.6619, 468.1387

 40.0921, 32.2170,
48.5551

 97.5157, 84.1644,
116.4394

 27.7949, 21.5273,
33.9036

 124.7188,
109.3875, 148.4392

 18.3107, 13.5100,
22.5428

156.5617,
139.2051, 185.8224

 11.2744, 7.7807,
14.0542

193.4099,
174.0014, 229.0076

 6.3203, 3.9549,
8.0192

235.6286,
214.1608, 278.4133

 3.0833, 1.6484,
4.0193

283.5833,

 1.1980, 0.3899,

260.0678, 334.4580

1.6359

337.6392,
312.1067, 397.5603

■ 0.1048, 0.0000,
0.3163

■ 0.0000, 0.0000,
0.0000

■ 55.5677, 45.9635,
66.9159

■ 55.5677, 45.9635,
66.9159

■ 51.3295, 38.5604,
62.1930

■ 60.5441, 54.8044,
72.0013

■ 47.7867, 32.5115,
57.8155

■ 66.2906, 65.1482,
77.4592

■ 44.8979, 27.7342,
53.7691

■ 72.8421, 77.0639,
83.3031

■ 42.6161, 24.1344,
50.0369

■ 80.2300, 90.6141,
89.5444

40.8873, 21.6048,
46.5996

82.4685, 93.8266,
94.1890

39.6478, 20.0184,
43.4350

83.2834, 94.1525,
98.4798

38.7965, 19.1731,
40.5080

84.1229, 94.4883,
102.9006

38.7350, 19.1172,
40.2811

84.9873, 94.8341,
107.4526

85.1744, 94.9089,
108.4378

Harmonies

Analogous

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



50.8579, 45.9635, 84.8493



55.5677, 45.9635, 66.9159



56.9873, 45.9635, 47.6376

Triad

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



55.5677, 45.9635, 66.9159



42.8375, 45.9635, 22.7066



34.3564, 45.9635, 72.1963

Complementary

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



55.5677, 45.9635, 66.9159



49.5319, 65.0023, 51.0132

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.



32.6359, 45.9635, 52.5351



55.5677, 45.9635, 66.9159



37.2238, 45.9635, 26.3602

Square

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



55.5677, 45.9635, 66.9159



49.2367, 45.9635, 24.7953



33.6332, 45.9635, 36.2810



38.5707, 45.9635, 88.3786

Rectangle

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



55.5677, 45.9635, 66.9159



55.7728, 45.9635, 37.1527



33.6332, 45.9635, 36.2810



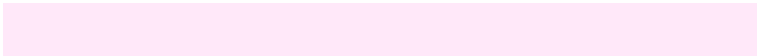
33.4868, 45.9635, 65.6236

Sweetspot

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



55.5691, 45.9656, 66.9169



87.2777, 85.8682, 101.9537



44.0694, 39.7953, 77.3109



18.4297, 17.9248, 21.5904



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.



55.5691, 45.9656, 66.9169



69.5906, 54.3455, 84.1842



51.9323, 44.5108, 47.7657



14.1455, 13.8758, 16.5365



22.1471, 10.9258, 23.2380



1.5696, 0.7711, 1.7921

Inverse Universe

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



55.5691, 45.9656, 66.9169



69.5906, 54.3455, 84.1842



53.1297, 66.4414, 69.9585



14.1455, 13.8758, 16.5365



22.1471, 10.9258, 23.2380



1.5696, 0.7711, 1.7921

Previews

White Background



This preview shows how the XYZ color 55.5677, 45.9635, 66.9159 looks on a white background.

Color Contrast Check

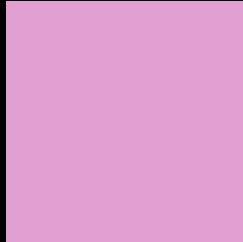
Large Text (above 18pt) WCAG AA × Fail

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 55.5677, 45.9635, 66.9159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

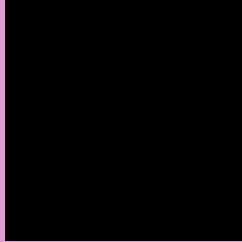
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5677, 45.9635, 66.9159

Background



This preview shows how black text looks on a background with the XYZ color 55.5677, 45.9635, 66.9159.



This preview shows how white text looks on a background with the XYZ color 55.5677, 45.9635,

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

55.5677, 45.9635, 66.9159

Protanopia

46.2340, 46.2258, 76.2977

Deuteranopia

47.0375, 45.9948, 65.4302



Tritanopia

51.8971, 46.0567, 48.8024

Trichromacy



Original Color

55.5677, 45.9635, 66.9159



Protanomaly

48.8933, 45.6434, 72.5628



Deuteranomaly

49.8473, 45.7210, 65.8723



Tritanomaly

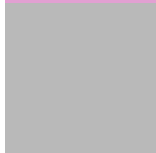
53.0011, 45.9566, 54.7922

Monochromacy



Original Color

55.5677, 45.9635, 66.9159



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.0824, 47.2251, 57.5674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5677, 45.9635, 66.9159 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(226, 160, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 160, 210)  
}
```

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(226, 160, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 160, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.5677, 45.9635, 66.9159 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(226, 160, 210) }
```


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

```
.border{ border-color:rgb(226, 160, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 160, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 160, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 160, 210); box-shadow:4px 4px 4px 4px rgb(226, 160, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5677, 45.9635, 66.9159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 160, 210) }
```

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

```
.background{ background-color: rgb(226,  
160, 210) }
```

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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