

Converting Colors

XYZ(49.6016, 45.5962, 57.0155)

Have a look what the booklet for
XYZ(49.6016, 45.5962, 57.0155)
contains.

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Color

**XYZ(49.6577, 45.5364,
57.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA9C2
RGB	207, 169, 194
RGB Percent	81%, 66%, 76%
CMY	0.1882, 0.3372, 0.2392
CMYK	0.00, 0.18, 0.06, 0.19
HSL	321°, 28%, 74%
HSV	321°, 18%, 81%
XYZ	49.6577, 45.5364, 57.2111
YIQ	183.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

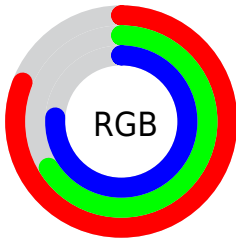
Format	Color
R_{YB}	207, 169, 194
Decimal	13609410
CIE _{Lab}	73.24, 18.03, -7.52
CIE _{LCh}	73, 19.538, 337.366
Yxy	45.5364, 0.3258, 0.2988
Android (android.graphics.Color)	4291799490 (0xFFCFA9C2)
YUV	183.2120, 5.3185, 20.8621
Hunter-Lab	67.4807, 13.2635, -3.0305

Details

The XYZ color **49.6577, 45.5364, 57.2111** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.1203, 56.4393, 52.6690**, and the grayscale version is **45.0933, 47.4417, 51.6640**.

A 20% lighter version of the original color is **85.1510, 81.4734, 101.6805**, and **24.0438, 21.2914, 27.6534** is the 20% darker color. If you saturate the color by 10%, you get **45.3311, 38.1255, 51.9379**, and if you desaturate by 10%, it is **54.6345, 54.1858, 62.8892**.

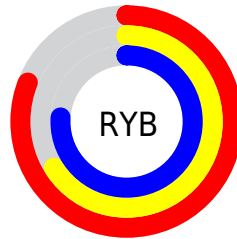
Distribution



Red (81%)

Green (66%)

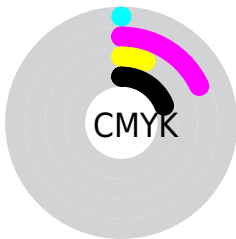
Blue (76%)



Red (81%)

Yellow (66%)

Blue (76%)

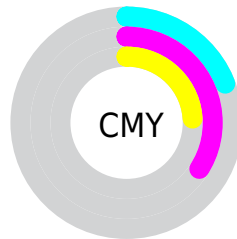


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (19%)



Cyan (19%)


Magenta (34%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6577, 45.5364, 57.2111 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 49.6577, 45.5364, 57.2111 by changing the saturation by 10% instead.


 49.6577, 45.5364,
57.2111


 49.6577, 45.5364,
57.2111

375.8000,
368.9417, 431.7557

 35.3582, 31.8801,
40.7643


 88.8624, 83.5248,
102.2765

 24.1067, 21.2700,
27.8166

 114.4982,
108.6256, 131.7322

 15.5380, 13.3215,
17.9496

144.6435,
138.3102, 166.3612

 9.2866, 7.6503,
10.7448

179.6637,
172.9628, 206.5822

 4.9872, 3.8720,
5.7835

219.9241,
212.9678, 252.8136

 2.2744, 1.6022,
2.6472

265.7900,

 0.7815, 0.3591,

258.7097, 305.4739

0.9167

317.6269,
310.5729, 364.9818

■ 0.0000, 0.0000,
0.0000

■ 49.6577, 45.5364,
57.2111

■ 49.6577, 45.5364,
57.2111

■ 45.3311, 38.1255,
51.9379

■ 54.6345, 54.1858,
62.8892

■ 41.6217, 31.8896,
47.0544

■ 60.2847, 64.1213,
68.9808

■ 38.4992, 26.7687,
42.5483

■ 66.6354, 75.3954,
75.4979

■ 35.9294, 22.6950,
38.4057

■ 73.7109, 88.0558,
82.4511

■ 33.8742, 19.5933,
34.6110

■ 75.6930, 90.4658,
87.9033

■ 32.2906, 17.3783,
31.1471

■ 76.7048, 90.8705,
93.2314

■ 31.1278, 15.9498,
27.9942

■ 77.7574, 91.2915,
98.7745

■ 30.3094, 15.1554,
25.1238

■ 78.8514, 91.7291,
104.5352

■ 30.1890, 15.0482,
24.6724

■ 79.5424, 92.0055,
108.1743

Harmonies

Analogous

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



47.4080, 45.5364, 66.1584



49.6577, 45.5364, 57.2111



50.1564, 45.5364, 47.1993

Triad

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



49.6577, 45.5364, 57.2111



42.4410, 45.5364, 33.1099



38.2483, 45.5364, 61.9500

Complementary

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



49.6577, 45.5364, 57.2111



47.1203, 56.4393, 52.6690

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.



37.0645, 45.5364, 52.0424



49.6577, 45.5364, 57.2111



39.4007, 45.5364, 36.0342

Square

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



49.6577, 45.5364, 57.2111



45.8689, 45.5364, 34.1122



37.4750, 45.5364, 42.6621



40.7922, 45.5364, 69.1367

Rectangle

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



49.6577, 45.5364, 57.2111



49.4060, 45.5364, 41.3965



37.4750, 45.5364, 42.6621



37.6844, 45.5364, 58.7798

Sweetspot

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



49.6590, 45.5384, 57.2121



89.5304, 90.2911, 102.9588



44.6651, 42.7878, 64.9369



19.0398, 19.1098, 21.9022



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.



49.6590, 45.5384, 57.2121



76.7526, 68.1057, 88.3096



47.6924, 44.7517, 46.8558



12.1318, 11.9374, 13.9697



19.0661, 9.4993, 15.7863



1.1025, 0.5457, 1.0745

Inverse Universe

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



49.6590, 45.5384, 57.2121



76.7526, 68.1057, 88.3096



49.1799, 57.2632, 63.5148



12.1318, 11.9374, 13.9697



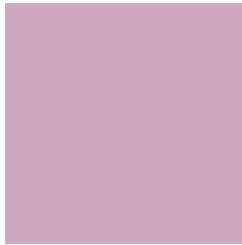
19.0661, 9.4993, 15.7863



1.1025, 0.5457, 1.0745

Previews

White Background



This preview shows how the XYZ color 49.6577, 45.5364, 57.2111 looks on a white background.

Color Contrast Check

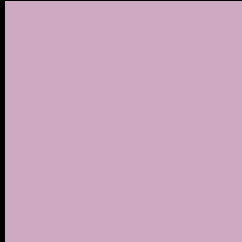
Large Text (above 18pt) WCAG AA × Fail

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 49.6577, 45.5364, 57.2111 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 49.6577, 45.5364, 57.2111

Background



This preview shows how black text looks on a background with the XYZ color 49.6577, 45.5364, 57.2111.



This preview shows how white text looks on a background with the XYZ color 49.6577, 45.5364,

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

49.6577, 45.5364, 57.2111

Protanopia

44.6769, 45.7574, 61.1209

Deuteranopia

46.6938, 45.7167, 56.8152



Tritanopia

48.6682, 45.7083, 51.6049

Trichromacy



Original Color

49.6577, 45.5364, 57.2111

Protanomaly

46.2621, 45.4285, 59.7564

Deuteranomaly

47.5952, 45.6077, 56.7467

Tritanomaly

48.9054, 45.5021, 53.7821

Monochromacy



Original Color

49.6577, 45.5364, 57.2111

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.6283, 46.6351, 53.5576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6577, 45.5364, 57.2111 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(207, 169, 194)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 194)  
}
```

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(207, 169, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.6577, 45.5364, 57.2111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

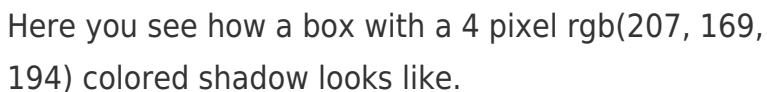
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 169, 194) }
```


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

```
.border{ border-color:rgb(207, 169, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 169, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 169, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 169, 194); box-shadow:4px 4px 4px 4px rgb(207, 169, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6577, 45.5364, 57.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 194) }
```

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

```
.background{ background-color: rgb(207,  
169, 194) }
```

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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