

Converting Colors

XYZ(50.4376, 45.8274, 58.5604)

Have a look what the booklet for XYZ(50.4376, 45.8274, 58.5604) contains.

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Color

**XYZ(50.4463, 45.9168,
58.4286)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A9C4
RGB	209, 169, 196
RGB Percent	82%, 66%, 77%
CMY	0.1804, 0.3372, 0.2314
CMYK	0.00, 0.19, 0.06, 0.18
HSL	320°, 30%, 74%
HSV	320°, 19%, 82%
XYZ	50.4463, 45.9168, 58.4286
YIQ	184.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

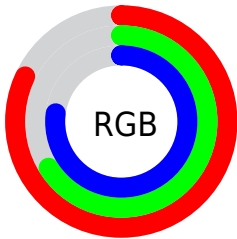
Format	Color
R _Y B	209, 169, 196
Decimal	13740484
CIE Lab	73.49, 19.09, -8.23
CIE LCh	73, 20.784, 336.677
Yxy	45.9168, 0.3259, 0.2966
Android (android.graphics.Color)	4291930564 (0xFFD1A9C4)
YUV	184.0380, 5.8973, 21.8917
Hunter-Lab	67.7619, 14.3034, -3.6902

Details

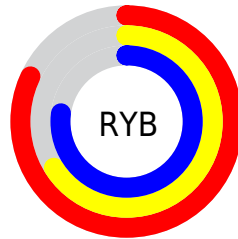
The XYZ color **50.4463, 45.9168, 58.4286** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.6080, 57.4147, 52.8316**, and the grayscale version is **45.5447, 47.9166, 52.1811**.

A 20% lighter version of the original color is **85.6253, 81.6632, 104.1781**, and **24.5702, 21.5456, 28.4549** is the 20% darker color. If you saturate the color by 10%, you get **46.1091, 38.4514, 53.2542**, and if you desaturate by 10%, it is **55.4427, 54.6433, 63.9966**.

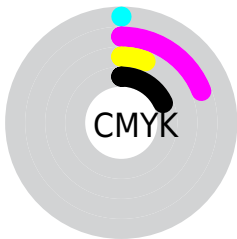
Distribution



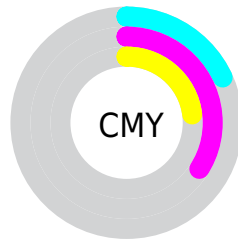
- Red (82%)
- Green (66%)
- Blue (77%)



- Red (82%)
- Yellow (66%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4463, 45.9168, 58.4286 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 50.4463, 45.9168, 58.4286 by changing the saturation by 10% instead.

50.4463, 45.9168,
58.4286

50.4463, 45.9168,
58.4286

378.8319,
370.4741, 436.4239

35.9874, 32.1802,
41.7363

90.0237, 84.0945,
104.0677

24.5945, 21.4992,
28.5709

115.8728,
109.3043, 133.8516

15.9023, 13.4894,
18.5136

146.2494,
139.1073, 168.8364

9.5455, 7.7664,
11.1461

181.5189,
173.8879, 209.4407

5.1586, 3.9458,
6.0498

222.0465,
214.0305, 256.0831

2.3763, 1.6433,
2.8061

268.1976,

0.8333, 0.3865,

259.9195, 309.1821

0.9965

320.3376,
311.9392, 369.1561

■ 0.0000, 0.0000,
0.0000

■ 50.4463, 45.9168,
58.4286

■ 50.4463, 45.9168,
58.4286

■ 46.1091, 38.4514,
53.2542

■ 55.4427, 54.6433,
63.9966

■ 42.3971, 32.1817,
48.4582

■ 61.1222, 64.6799,
69.9667

■ 39.2794, 27.0461,
44.0284

■ 67.5125, 76.0805,
76.3508

■ 36.7206, 22.9745,
39.9508

■ 74.6384, 88.8942,
83.1595

■ 34.6815, 19.8893,
36.2099

■ 76.3331, 90.7868,
88.3391

■ 33.1176, 17.7022,
32.7884

■ 77.3059, 91.1759,
93.4615

■ 31.9763, 16.3089,
29.6662

■ 78.3162, 91.5800,
98.7819

■ 31.1711, 15.5373,
26.8119

■ 79.3646, 91.9994,
104.3024

■ 31.1077, 15.4806,
26.5748

■ 80.1048, 92.2955,
108.2006

Harmonies

Analogous

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



47.9932, 45.9168, 68.0125



50.4463, 45.9168, 58.4286



51.0307, 45.9168, 47.6832

Triad

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



50.4463, 45.9168, 58.4286



42.8275, 45.9168, 32.4942



38.2257, 45.9168, 63.0600

Complementary

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



50.4463, 45.9168, 58.4286



47.6080, 57.4147, 52.8316

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.



37.0042, 45.9168, 52.3816



50.4463, 45.9168, 58.4286



39.5631, 45.9168, 35.4796

Square

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



50.4463, 45.9168, 58.4286



46.4955, 45.9168, 33.6434



37.4798, 45.9168, 42.4157



40.9087, 45.9168, 70.9374

Rectangle

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



50.4463, 45.9168, 58.4286



50.2544, 45.9168, 41.4627



37.4798, 45.9168, 42.4157



37.6377, 45.9168, 59.6256

Sweetspot

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



50.4476, 45.9188, 58.4296



89.5714, 90.3075, 103.1749



44.9113, 42.8863, 66.2331



19.0495, 19.1137, 21.9533



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.



50.4476, 45.9188, 58.4296



76.1901, 66.9504, 88.2159



48.3536, 45.0812, 47.4027



12.1405, 11.9410, 14.0159



19.2268, 9.5636, 16.6323



1.1106, 0.5490, 1.1173

Inverse Universe

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



50.4476, 45.9188, 58.4296



76.1901, 66.9504, 88.2159



49.7854, 58.2856, 64.2978



12.1405, 11.9410, 14.0159



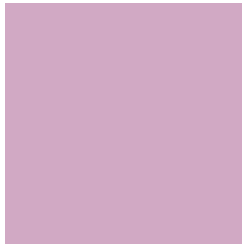
19.2268, 9.5636, 16.6323



1.1106, 0.5490, 1.1173

Previews

White Background



This preview shows how the XYZ color 50.4463, 45.9168, 58.4286 looks on a white background.

Color Contrast Check

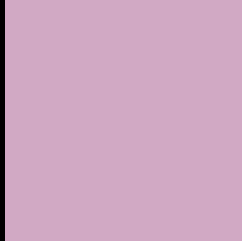
Large Text (above 18pt) WCAG AA × Fail

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 50.4463, 45.9168, 58.4286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

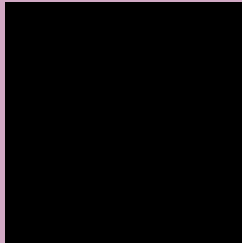
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4463, 45.9168, 58.4286

Background



This preview shows how black text looks on a background with the XYZ color 50.4463, 45.9168, 58.4286.



This preview shows how white text looks on a background with the XYZ color 50.4463, 45.9168,

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

50.4463, 45.9168, 58.4286

Protanopia

45.2597, 46.0170, 62.9966

Deuteranopia

47.1139, 46.1973, 58.0636



Tritanopia

48.9468, 45.8519, 51.6179

Trichromacy



Original Color

50.4463, 45.9168, 58.4286

Protanomaly

46.7416, 45.6489, 60.9912

Deuteranomaly

48.0826, 45.8330, 57.9422

Tritanomaly

49.4643, 45.7902, 53.8083

Monochromacy



Original Color

50.4463, 45.9168, 58.4286

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.1895, 47.2085, 54.2019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4463, 45.9168, 58.4286 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(209, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(209, 169, 196)  
}
```

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(209, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 169, 196) }
```

Border

The CSS property to change the border of an element to XYZ 50.4463, 45.9168, 58.4286 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(209, 169, 196) }
```


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

```
.border{ border-color:rgb(209, 169, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 169, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 169, 196);  
box-shadow:4px 4px 4px 4px rgb(209, 169,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4463, 45.9168, 58.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 169, 196) }
```

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

```
.background{ background-color: rgb(209,  
169, 196) }
```

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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