

Converting Colors

XYZ(52.4374, 45.0774, 68.9648)

Have a look what the booklet for
XYZ(52.4374, 45.0774, 68.9648)
contains.

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Color

**XYZ(52.5480, 45.1446,
68.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A3D5
RGB	213, 163, 213
RGB Percent	84%, 64%, 84%
CMY	0.1647, 0.3608, 0.1647
CMYK	0.00, 0.23, 0.00, 0.16
HSL	300°, 37%, 74%
HSV	300°, 23%, 84%
XYZ	52.5480, 45.1446, 68.8950
YIQ	183.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

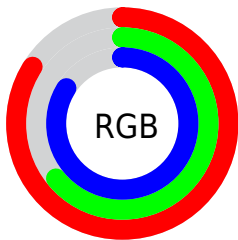
Format	Color
R_{YB}	213, 163, 213
Decimal	14001109
CIE Lab	72.99, 26.81, -18.28
CIE LCh	73, 32.443, 325.715
Yxy	45.1446, 0.3154, 0.2710
Android (android.graphics.Color)	4292191189 (0xFFD5A3D5)
YUV	183.6500, 14.4695, 25.7399
Hunter-Lab	67.1897, 22.0199, -13.7620

Details

The XYZ color **52.5480, 45.1446, 68.8950** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.5112, 58.0208, 43.4532**, and the grayscale version is **45.2856, 47.6440, 51.8843**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **25.9565, 21.1066, 35.0537** is the 20% darker color. If you saturate the color by 10%, you get **49.0804, 38.2087, 67.7395**, and if you desaturate by 10%, it is **56.6553, 53.3583, 70.2647**.

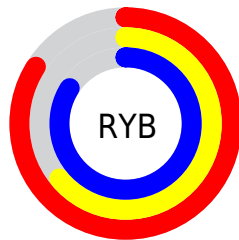
Distribution



Red (84%)

Green (64%)

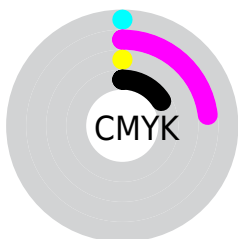
Blue (84%)



Red (84%)

Yellow (64%)

Blue (84%)

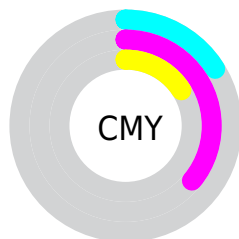


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5480, 45.1446, 68.8950 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 52.5480, 45.1446, 68.8950 by changing the saturation by 10% instead.

 52.5480, 45.1446,
68.8950


 52.5480, 45.1446,
68.8950


386.8379,
367.3589, 475.3445

 37.6681, 31.5713,
50.1550


 93.1084, 82.9374,
119.2979

 25.9012, 21.0343,
35.1645


 119.5195,
107.9256, 151.7978

 16.8821, 13.1491,
23.5051


150.5052,
137.4877, 189.7215

 10.2452, 7.5313,
14.7581

186.4307,
172.0080, 233.4874

 5.6254, 3.7965,
8.5050

227.6613,
211.8708, 283.5141

 2.6571, 1.5604,
4.3274

274.5625,

 0.9752, 0.3307,

257.4607, 340.2202

1.8066

327.4996,
309.1619, 404.0241

■ 0.0000, 0.0000,
0.4323

■ 0.0000, 0.0000,
0.0000

■ 52.5480, 45.1446,
68.8950

■ 52.5480, 45.1446,
68.8950

■ 49.0804, 38.2087,
67.7395

■ 56.6553, 53.3583,
70.2647

■ 46.2165, 32.4809,
66.7848

■ 61.4277, 62.9032,
71.8556

■ 43.9230, 27.8939,
66.0202

■ 66.8946, 73.8368,
73.6780

■ 42.1618, 24.3715,
65.4330

■ 73.0820, 86.2117,
75.7406

40.8900, 21.8279,
65.0090

75.2115, 90.4705,
76.4505

40.0583, 20.1645,
64.7316

75.2115, 90.4705,
76.4506

39.6069, 19.2619,
64.5811

75.2115, 90.4706,
76.4508

39.4512, 18.9504,
64.5291

75.2115, 90.4706,
76.4509

75.2115, 90.4706,
76.4510

Harmonies

Analogous

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



47.8083, 45.1446, 82.9406



52.5480, 45.1446, 68.8950



54.7075, 45.1446, 51.5214

Triad

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



52.5480, 45.1446, 68.8950



43.7272, 45.1446, 24.1559



33.8276, 45.1446, 63.9640

Complementary

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



52.5480, 45.1446, 68.8950



45.5112, 58.0208, 43.4532

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.



32.9412, 45.1446, 46.8618



52.5480, 45.1446, 68.8950



38.3556, 45.1446, 26.0734

Square

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



52.5480, 45.1446, 68.8950



49.3386, 45.1446, 27.6299



34.5266, 45.1446, 33.5990



37.0630, 45.1446, 79.6824

Rectangle

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



52.5480, 45.1446, 68.8950



54.2659, 45.1446, 41.1834



34.5266, 45.1446, 33.5990



33.2579, 45.1446, 58.0937

Sweetspot

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



52.5494, 45.1466, 68.8960



89.6176, 89.1353, 107.0891



40.2137, 38.7873, 68.3189



19.0868, 18.8885, 22.8898



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.



52.5494, 45.1466, 68.8960



76.3474, 62.5950, 102.6654



49.6165, 43.9734, 53.4513



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4167



1.4535, 0.6982, 2.3774

Inverse Universe

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



52.5494, 45.1466, 68.8960



76.3474, 62.5950, 102.6654



47.9773, 59.0072, 56.4396



12.9531, 12.6327, 15.6932



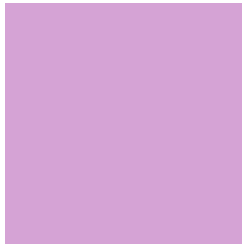
24.0982, 11.5756, 39.4167



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 52.5480, 45.1446, 68.8950 looks on a white background.

Color Contrast Check

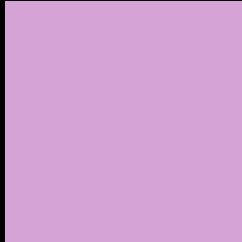
Large Text (above 18pt) WCAG AA × Fail

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 52.5480, 45.1446, 68.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

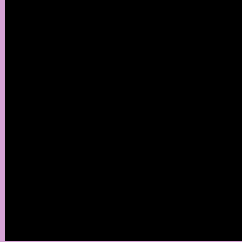
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5480, 45.1446, 68.8950

Background



This preview shows how black text looks on a background with the XYZ color 52.5480, 45.1446, 68.8950.



This preview shows how white text looks on a background with the XYZ color 52.5480, 45.1446,

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

52.5480, 45.1446, 68.8950

Protanopia

45.6019, 45.6035, 76.2109

Deuteranopia

46.3792, 45.3082, 67.9289



Tritanopia

48.9260, 45.3086, 50.4227

Trichromacy



Original Color

52.5480, 45.1446, 68.8950

Protanomaly

47.7373, 45.3159, 73.2486

Deuteranomaly

48.4389, 45.2167, 68.4621

Tritanomaly

50.0227, 45.1893, 56.5380

Monochromacy



Original Color

52.5480, 45.1446, 68.8950

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.8813, 46.5929, 58.0995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5480, 45.1446, 68.8950 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(213, 163, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 163, 213)  
}
```

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(213, 163, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 163, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.5480, 45.1446, 68.8950 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(213, 163, 213) }
```


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

```
.border{ border-color:rgb(213, 163, 213) }
```

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

Here you see how a box with a 4 pixel rgb(213, 163, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 163, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 163, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 163,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5480, 45.1446, 68.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 163, 213) }
```

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

```
.background{ background-color: rgb(213,  
163, 213) }
```

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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