

Converting Colors

XYZ(50.0949, 45.6121, 51.5111)

Have a look what the booklet for
XYZ(50.0949, 45.6121, 51.5111)
contains.

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Color

**XYZ(50.0949, 45.6121,
51.5111)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A8B8
RGB	213, 168, 184
RGB Percent	84%, 66%, 72%
CMY	0.1647, 0.3412, 0.2784
CMYK	0.00, 0.21, 0.14, 0.16
HSL	339°, 35%, 75%
HSV	339°, 21%, 84%
XYZ	50.0949, 45.6121, 51.5111
YIQ	183.2790, 21.6840, 14.5160

Conversions

Conversions Part 2

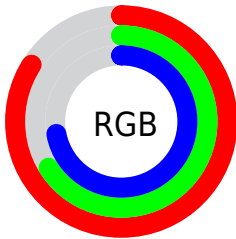
Format	Color
R _Y B	213, 168, 184
Decimal	14002360
CIE Lab	73.29, 19.00, -1.89
CIE LCh	73, 19.092, 354.332
Yxy	45.6121, 0.3403, 0.3098
Android (android.graphics.Color)	4292192440 (0xFFD5A8B8)
YUV	183.2790, 0.3555, 26.0653
Hunter-Lab	67.5367, 14.2119, 2.0545

Details

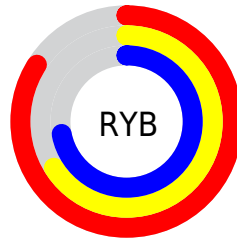
The XYZ color **50.0949, 45.6121, 51.5111** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0226, 59.9457, 61.7604**, and the grayscale version is **45.1537, 47.5052, 51.7332**.

A 20% lighter version of the original color is **83.3559, 80.3266, 93.5493**, and **24.4427, 21.3986, 24.3148** is the 20% darker color. If you saturate the color by 10%, you get **45.1103, 37.8347, 43.0911**, and if you desaturate by 10%, it is **55.8659, 54.7376, 60.8833**.

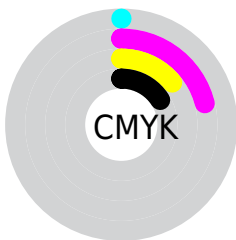
Distribution



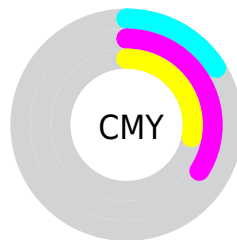
- Red (84%)
- Green (66%)
- Blue (72%)



- Red (84%)
- Yellow (66%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0949, 45.6121, 51.5111 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 50.0949, 45.6121, 51.5111 by changing the saturation by 10% instead.


 50.0949, 45.6121,
51.5111


 50.0949, 45.6121,
51.5111


377.4828,
369.2470, 409.4494

 35.7069, 31.9398,
36.2360


 89.5064, 83.6382,
93.8290

 24.3770, 21.3155,
24.3254


 115.2607,
108.7608, 121.7089

 15.7398, 13.3548,
15.3607


145.5345,
138.4689, 154.6275

 9.4299, 7.6734,
8.9235

180.6931,
173.1470, 193.0033

 5.0820, 3.8867,
4.5952

221.1018,
213.1795, 237.2548

 2.3307, 1.6104,
1.9572

267.1261,

 0.8103, 0.3646,

258.9507, 287.8007

0.5288

319.1313,
310.8451, 345.0593

■ 0.0000, 0.0000,
0.0000

■ 50.0949, 45.6121,
51.5111

■ 50.0949, 45.6121,
51.5111

■ 45.1103, 37.8347,
43.0911

■ 55.8659, 54.7376,
60.8833

■ 40.8728, 31.3351,
35.5892

■ 62.4523, 65.2650,
71.2346

■ 37.3458, 26.0457,
28.9731

■ 69.8866, 77.2525,
82.5942

■ 34.4875, 21.8903,
23.2076

■ 78.1980, 90.7534,
94.9894

■ 32.2519, 18.7840,
18.2548

■ 80.8732, 92.7352,
106.2658

■ 30.5866, 16.6297,
14.0731

■ 81.2508, 92.8862,
108.2542

■ 29.4296, 15.3118,
10.6164

■ 28.7356, 14.6642,
8.1028

Harmonies

Analogous

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



48.8082, 45.6121, 61.2350



50.0949, 45.6121, 51.5111



49.5010, 45.6121, 42.4335

Triad

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



50.0949, 45.6121, 51.5111



40.7488, 45.6121, 34.6593



39.6989, 45.6121, 66.2372

Complementary

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



50.0949, 45.6121, 51.5111



50.0226, 59.9457, 61.7604

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.



37.7363, 45.6121, 57.6721



50.0949, 45.6121, 51.5111



38.3201, 45.6121, 39.6507

Square

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



50.0949, 45.6121, 51.5111



43.9932, 45.6121, 33.4534



37.2447, 45.6121, 47.8612



42.7189, 45.6121, 70.4120

Rectangle

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



50.0949, 45.6121, 51.5111



48.1333, 45.6121, 37.8389



37.2447, 45.6121, 47.8612



38.9000, 45.6121, 63.7266

Sweetspot

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



50.0962, 45.6142, 51.5121



88.8145, 90.0048, 99.1892



48.9098, 44.6146, 68.9849



18.8707, 19.0421, 21.0114



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.



50.0962, 45.6142, 51.5121



72.0519, 63.4813, 72.0158



49.6461, 47.2475, 43.5514



12.6038, 12.4930, 13.8538



17.5972, 8.9752, 5.1828



1.1002, 0.5569, 0.5169

Inverse Universe

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



50.0962, 45.6142, 51.5121



72.0519, 63.4813, 72.0158



50.4730, 57.7558, 71.4390



12.6038, 12.4930, 13.8538



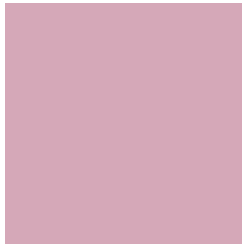
17.5972, 8.9752, 5.1828



1.1002, 0.5569, 0.5169

Previews

White Background



This preview shows how the XYZ color 50.0949, 45.6121, 51.5111 looks on a white background.

Color Contrast Check

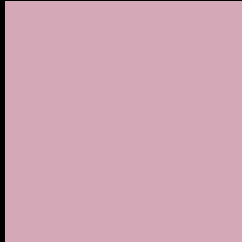
Large Text (above 18pt) WCAG AA × Fail

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 50.0949, 45.6121, 51.5111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

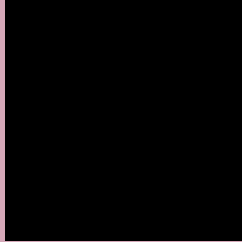
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0949, 45.6121, 51.5111

Background



This preview shows how black text looks on a background with the XYZ color 50.0949, 45.6121, 51.5111.



This preview shows how white text looks on a background with the XYZ color 50.0949, 45.6121,

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

50.0949, 45.6121, 51.5111

Protanopia

44.3465, 45.7051, 55.7749

Deuteranopia

46.6422, 45.8146, 51.1845



Tritanopia

49.7837, 45.4876, 49.8722

Trichromacy



Original Color

50.0949, 45.6121, 51.5111

Protanomaly

46.1453, 45.4973, 53.9267

Deuteranomaly

47.6569, 45.4805, 51.0666

Tritanomaly

49.8867, 45.5288, 50.4146

Monochromacy



Original Color

50.0949, 45.6121, 51.5111

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.7158, 46.7290, 51.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0949, 45.6121, 51.5111 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, 168, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 168, 184)  
}
```

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, 168, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 168, 184) }
```

Border

The CSS property to change the border of an element to XYZ 50.0949, 45.6121, 51.5111 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, 168, 184) }
```


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

```
.border{ border-color:rgb(213, 168, 184) }
```

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

Here you see how a box with a 4 pixel rgb(213, 168, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 168, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 168, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 168,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0949, 45.6121, 51.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 168, 184) }
```

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

```
.background{ background-color: rgb(213,  
168, 184) }
```

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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