

Converting Colors

XYZ(51.8475, 45.6376, 53.5969)

Have a look what the booklet for
XYZ(51.8475, 45.6376, 53.5969)
contains.

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Color

**XYZ(51.7457, 45.6012,
53.6516)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA5BC
RGB	219, 165, 188
RGB Percent	86%, 65%, 74%
CMY	0.1412, 0.3529, 0.2627
CMYK	0.00, 0.25, 0.14, 0.14
HSL	334°, 43%, 75%
HSV	334°, 25%, 86%
XYZ	51.7457, 45.6012, 53.6516
YIQ	183.7680, 24.8010, 18.6010

Conversions

Conversions Part 2

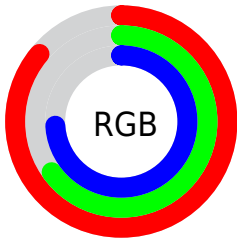
Format	Color
R _Y B	219, 165, 188
Decimal	14394812
CIE Lab	73.29, 23.42, -4.03
CIE LCh	73, 23.761, 350.242
Yxy	45.6012, 0.3427, 0.3020
Android (android.graphics.Color)	4292584892 (0xFFDBA5BC)
YUV	183.7680, 2.0864, 30.8985
Hunter-Lab	67.5287, 18.6054, 0.1641

Details

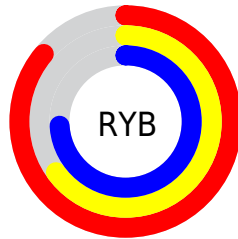
The XYZ color **51.7457, 45.6012, 53.6516** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8143, 62.6492, 61.6419**, and the grayscale version is **45.4124, 47.7774, 52.0295**.

A 20% lighter version of the original color is **83.1623, 78.9781, 96.4491**, and **25.3826, 21.3461, 25.7041** is the 20% darker color. If you saturate the color by 10%, you get **46.8319, 37.8487, 45.6154**, and if you desaturate by 10%, it is **57.4565, 54.7578, 62.5372**.

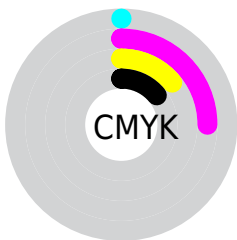
Distribution



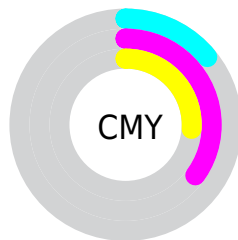
- Red (86%)
- Green (65%)
- Blue (74%)



- Red (86%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7457, 45.6012, 53.6516 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 51.7457, 45.6012, 53.6516 by changing the saturation by 10% instead.


 51.7457, 45.6012,
53.6516


 51.7457, 45.6012,
53.6516

383.7942,
369.2030, 417.9171

 37.0259, 31.9312,
37.9319


 91.9325, 83.6218,
97.0137

 25.4013, 21.3090,
25.6284


 118.1303,
108.7413, 125.4933

 16.5066, 13.3500,
16.3226

148.8847,
138.4461, 159.0632

 9.9765, 7.6700,
9.5959

184.5611,
173.1205, 198.1420

 5.4455, 3.8845,
5.0298

225.5249,
213.1490, 243.1482

 2.5484, 1.6092,
2.2057

272.1414,

 0.9197, 0.3638,

258.9160, 294.5005

0.6777

324.7761,
310.8059, 352.6172

0.0000, 0.0000,
0.0000

51.7457, 45.6012,
53.6516

51.7457, 45.6012,
53.6516

46.8319, 37.8487,
45.6154

57.4565, 54.7578,
62.5372

42.6739, 31.4240,
38.3984

63.9954, 65.3773,
72.2952

39.2322, 26.2529,
31.9727

71.3964, 77.5230,
82.9512

36.4623, 22.2513,
26.3074

79.6905, 91.2524,
94.5289

34.3143, 19.3249,
21.3689

82.3653, 93.5369,
104.8703

■ 32.7305, 17.3642,
17.1203

■ 83.0237, 93.8002,
108.3372

■ 31.6413, 16.2359,
13.5199

■ 31.2014, 15.8553,
11.8344

Harmonies

Analogous

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



49.8117, 45.6012, 65.8556



51.7457, 45.6012, 53.6516



51.3196, 45.6012, 42.1144

Triad

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



51.7457, 45.6012, 53.6516



40.6239, 45.6012, 31.0533



38.4083, 45.6012, 69.5073

Complementary

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



51.7457, 45.6012, 53.6516



50.8143, 62.6492, 61.6419

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.



36.2382, 45.6012, 58.0392



51.7457, 45.6012, 53.6516



37.4593, 45.6012, 36.3514

Square

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



51.7457, 45.6012, 53.6516



44.7175, 45.6012, 30.2649



35.9023, 45.6012, 45.8562



41.9961, 45.6012, 75.9329

Rectangle

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



51.7457, 45.6012, 53.6516



49.7639, 45.6012, 36.2307



35.9023, 45.6012, 45.8562



37.4988, 45.6012, 66.0354

Sweetspot

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



51.7470, 45.6033, 53.6525



88.0112, 88.4927, 98.6300



48.9042, 43.7093, 72.8777



18.7142, 18.7394, 20.9277



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.



51.7470, 45.6033, 53.6525



69.0280, 58.0073, 69.2390



50.1203, 46.0062, 41.8383



13.2850, 13.1431, 14.7622



18.5531, 9.4223, 7.2926



1.2445, 0.6274, 0.6964

Inverse Universe

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



51.7470, 45.6033, 53.6525



69.0280, 58.0073, 69.2390



52.7072, 61.9199, 76.1923



13.2850, 13.1431, 14.7622



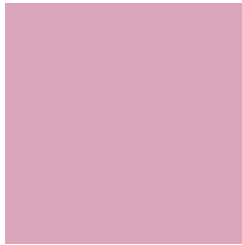
18.5531, 9.4223, 7.2926



1.2445, 0.6274, 0.6964

Previews

White Background



This preview shows how the XYZ color 51.7457, 45.6012, 53.6516 looks on a white background.

Color Contrast Check

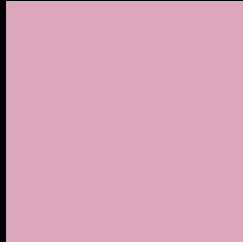
Large Text (above 18pt) WCAG AA × Fail

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 51.7457, 45.6012, 53.6516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

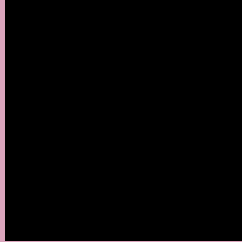
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7457, 45.6012, 53.6516

Background



This preview shows how black text looks on a background with the XYZ color 51.7457, 45.6012, 53.6516.



This preview shows how white text looks on a background with the XYZ color 51.7457, 45.6012,

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

51.7457, 45.6012, 53.6516

Protanopia

44.7885, 45.8551, 59.3136

Deuteranopia

46.6986, 45.8072, 52.8348



Tritanopia

50.6863, 45.4325, 48.7457

Trichromacy



Original Color

51.7457, 45.6012, 53.6516

Protanomaly

47.1218, 45.6365, 57.3641

Deuteranomaly

48.4344, 45.5510, 53.2532

Tritanomaly

50.9932, 45.5553, 50.3614

Monochromacy



Original Color

51.7457, 45.6012, 53.6516

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.5051, 46.8174, 52.4318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7457, 45.6012, 53.6516 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(219, 165, 188)` looks like.

```
.text, #text, p{  
    color:rgb(219, 165, 188)  
}
```

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(219, 165, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 165, 188) }
```

Border

The CSS property to change the border of an element to XYZ 51.7457, 45.6012, 53.6516 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(219, 165, 188) }
```


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

```
.border{ border-color:rgb(219, 165, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 165, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 165, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 165, 188);  
box-shadow:4px 4px 4px 4px rgb(219, 165,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7457, 45.6012, 53.6516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 165, 188) }
```

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

```
.background{ background-color: rgb(219,  
165, 188) }
```

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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