

Converting Colors

XYZ(45.6646, 45.7833, 47.6905)

Have a look what the booklet for
XYZ(45.6646, 45.7833, 47.6905)
contains.

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Color

**XYZ(45.6099, 45.6546,
47.4826)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B0B0
RGB	194, 176, 176
RGB Percent	76%, 69%, 69%
CMY	0.2392, 0.3098, 0.3098
CMYK	0.00, 0.09, 0.09, 0.24
HSL	0°, 13%, 73%
HSV	0°, 9%, 76%
XYZ	45.6099, 45.6546, 47.4826
YIQ	181.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

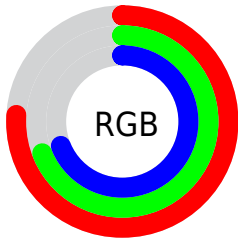
Format	Color
RYB	194, 176, 176
Decimal	12759216
CIELab	73.32, 6.45, 2.34
CIELCh	73, 6.857, 19.914
Yxy	45.6546, 0.3287, 0.3290
Android (android.graphics.Color)	4290949296 (0xFFC2B0B0)
YUV	181.3820, -2.6533, 11.0660
Hunter-Lab	67.5682, 2.2468, 5.6325

Details

The XYZ color **45.6099, 45.6546, 47.4826** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9336, 51.7076, 58.5462**, and the grayscale version is **44.1386, 46.4373, 50.5702**.

A 20% lighter version of the original color is **83.2058, 84.0487, 88.1815**, and **21.6610, 21.4460, 22.0666** is the 20% darker color. If you saturate the color by 10%, you get **40.2910, 37.8718, 36.9065**, and if you desaturate by 10%, it is **51.7492, 54.6379, 59.6867**.

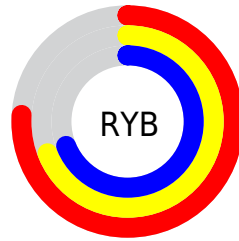
Distribution



Red (76%)

Green (69%)

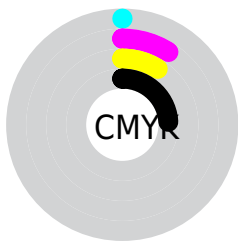
Blue (69%)



Red (76%)

Yellow (69%)

Blue (69%)

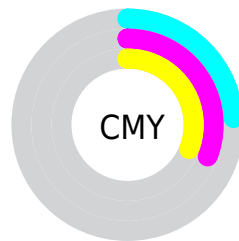


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6099, 45.6546, 47.4826 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 45.6099, 45.6546, 47.4826 by changing the saturation by 10% instead.


 45.6099, 45.6546,
47.4826

 45.6099, 45.6546,
47.4826


359.9804,
369.4183, 393.1870

 32.1414, 31.9733,
33.0603


 82.8663, 83.7018,
87.7911

 21.6256, 21.3411,
21.9011

107.3850,
108.8366, 114.5143

 13.6971, 13.3736,
13.5866


136.3177,
138.5580, 146.1748

 7.9906, 7.6863,
7.6983

170.0299,
173.2504, 183.1913

 4.1407, 3.8949,
3.8175

208.8869,
213.2983, 225.9822

 1.7820, 1.6149,
1.5258

253.2541,

 0.5068, 0.3676,

259.0859, 274.9661

0.2370

303.4968,
310.9978, 330.5615

■ 0.0000, 0.0000,
0.0000

■ 45.6099, 45.6546,
47.4826

■ 45.6099, 45.6546,
47.4826

■ 40.2910, 37.8718,
36.9065

■ 51.7492, 54.6379,
59.6867

■ 35.7540, 31.2331,
27.8868

■ 58.7374, 64.8632,
73.5803

■ 31.9633, 25.6863,
20.3509

■ 66.6065, 76.3774,
89.2255

■ 28.8790, 21.1730,
14.2195

■ 75.3857, 89.2232,
106.6802

■ 26.4573, 17.6293,
9.4057

■ 76.0583, 90.2094,
108.0112

■ 24.6498, 14.9843,
5.8129

■ 23.4013, 13.1572,
3.3316

■ 22.6470, 12.0531,
1.8327

■ 22.2716, 11.5037,
1.0868

Harmonies

Analogous

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



45.7163, 45.6546, 50.8821



45.6099, 45.6546, 47.4826



44.9035, 45.6546, 44.8011

Triad

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



45.6099, 45.6546, 47.4826



41.6436, 45.6546, 45.5558



42.9886, 45.6546, 56.5383

Complementary

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



45.6099, 45.6546, 47.4826



46.9336, 51.7076, 58.5462

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.



41.9174, 45.6546, 54.9652



45.6099, 45.6546, 47.4826



41.1505, 45.6546, 48.5563

Square

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



45.6099, 45.6546, 47.4826



42.6084, 45.6546, 43.7248



41.2498, 45.6546, 52.0062



44.1878, 45.6546, 56.2181

Rectangle

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



45.6099, 45.6546, 47.4826



44.1945, 45.6546, 43.7311



41.2498, 45.6546, 52.0062



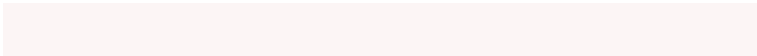
42.6019, 45.6546, 56.2106

Sweetspot

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



45.6112, 45.6566, 47.4836



89.3861, 92.5956, 99.4490



47.5116, 46.4156, 57.4943



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



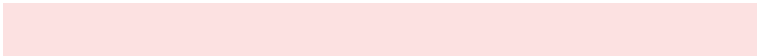
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.6112, 45.6566, 47.4836



80.6955, 79.8792, 82.1710



47.4341, 49.3024, 48.0912



10.0734, 10.0782, 10.4762



14.6278, 7.5414, 0.6847



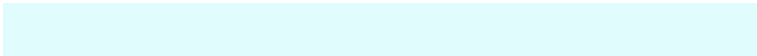
0.6321, 0.3260, 0.0296

Inverse Universe

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



46.9336, 51.7076, 58.5462



83.5441, 92.9134, 106.0006



44.9916, 47.8236, 57.8989



10.3684, 11.4281, 12.9442



19.0804, 27.9174, 37.9396



0.8245, 1.2063, 1.6393

Previews

White Background



This preview shows how the XYZ color 45.6099, 45.6546, 47.4826 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 45.6099, 45.6546, 47.4826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

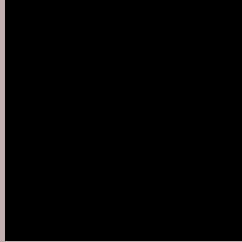
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6099, 45.6546, 47.4826

Background



This preview shows how black text looks on a background with the XYZ color 45.6099, 45.6546, 47.4826.



This preview shows how white text looks on a background with the XYZ color 45.6099, 45.6546,

47.4826.

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

45.6099, 45.6546, 47.4826

Protanopia

43.9231, 45.6449, 48.6148

Deuteranopia

46.5257, 45.5488, 47.4139



Tritanopia

46.9781, 45.6387, 53.9101

Trichromacy



Original Color

45.6099, 45.6546, 47.4826

Protanomaly

44.5952, 45.7065, 48.0668

Deuteranomaly

46.1924, 45.6649, 47.4539

Tritanomaly

46.4874, 45.7227, 51.7226

Monochromacy



Original Color

45.6099, 45.6546, 47.4826

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.5065, 45.9340, 49.1682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6099, 45.6546, 47.4826 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(194, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 176, 176)  
}
```

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(194, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 176, 176) }
```

Border

The CSS property to change the border of an element to XYZ 45.6099, 45.6546, 47.4826 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(194, 176, 176) }
```


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

```
.border{ border-color:rgb(194, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 176,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6099, 45.6546, 47.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 176, 176) }
```

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

```
.background{ background-color: rgb(194,  
176, 176) }
```

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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