

Converting Colors

XYZ(45.5296, 46.7866, 48.6226)

Have a look what the booklet for
XYZ(45.5296, 46.7866, 48.6226)
contains.

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Color

**XYZ(45.5923, 46.8040,
48.7506)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB4B2
RGB	190, 180, 178
RGB Percent	75%, 71%, 70%
CMY	0.2549, 0.2941, 0.3020
CMYK	0.00, 0.05, 0.06, 0.25
HSL	10°, 8%, 72%
HSV	10°, 6%, 75%
XYZ	45.5923, 46.8040, 48.7506
YIQ	182.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

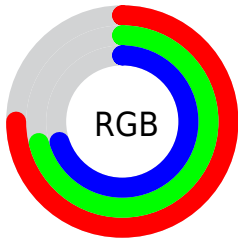
Format	Color
R_{YB}	190, 180, 178
Decimal	12498098
CIE _{Lab}	74.06, 3.19, 2.28
CIE _{LCh}	74, 3.922, 35.523
Yxy	46.8040, 0.3230, 0.3316
Android (android.graphics.Color)	4290688178 (0xFFBEB4B2)
YUV	182.7620, -2.3477, 6.3477
Hunter-Lab	68.4134, -0.7670, 5.6401

Details

The XYZ color **45.5923, 46.8040, 48.7506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6374, 49.1482, 55.7969**, and the grayscale version is **44.8903, 47.2281, 51.4314**.

A 20% lighter version of the original color is **82.8528, 85.5242, 89.9829**, and **21.6076, 21.9778, 22.5053** is the 20% darker color. If you saturate the color by 10%, you get **40.8006, 40.0647, 38.3843**, and if you desaturate by 10%, it is **51.0158, 54.3829, 60.6323**.

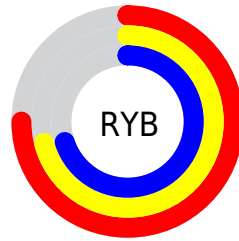
Distribution



Red (75%)

Green (71%)

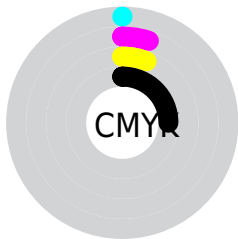
Blue (70%)



Red (75%)

Yellow (71%)

Blue (70%)

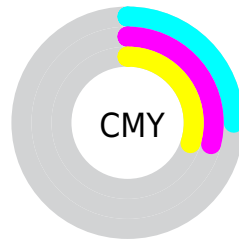


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5923, 46.8040, 48.7506 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 45.5923, 46.8040, 48.7506 by changing the saturation by 10% instead.

■ 45.5923, 46.8040,
48.7506

■ 45.5923, 46.8040,
48.7506

359.9106,
374.0316, 398.3539

■ 32.1275, 32.8807,
34.0575

■ 82.8401, 85.4210,
89.6981

■ 21.6149, 22.0351,
22.6600

107.3538,
110.8835, 116.7895

■ 13.6892, 13.8827,
14.1397

136.2812,
140.9612, 148.8508

■ 7.9851, 8.0391,
8.0781

169.9876,
176.0385, 186.3005

■ 4.1371, 4.1200,
4.0565

208.8384,
216.4998, 229.5571

■ 1.7800, 1.7409,
1.6564

253.1989,

■ 0.5056, 0.4499,

262.7295, 279.0391

0.3306

303.4345,
315.1120, 335.1652

■ 0.0000, 0.0000,
0.0000

■ 45.5923, 46.8040,
48.7506

■ 45.5923, 46.8040,
48.7506

■ 40.8006, 40.0647,
38.3843

■ 51.0158, 54.3829,
60.6323

■ 36.6138, 34.1301,
29.4694

■ 57.0890, 62.8227,
74.0838

■ 33.0087, 28.9718,
21.9419

■ 63.8340, 72.1514,
89.1607

■ 29.9592, 24.5576,
15.7317

■ 71.2705, 82.3941,
105.9146

■ 27.4373, 20.8529,
10.7627

■ 75.0454, 89.6873,
107.9638

■ 25.4122, 17.8202,
6.9509

■ 23.8500, 15.4186,
4.2018

■ 22.7124, 13.6029,
2.4059

■ 21.9526, 12.3204,
1.4221

Harmonies

Analogous

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



45.8415, 46.8040, 50.5909



45.5923, 46.8040, 48.7506



45.0468, 46.8040, 47.5271

Triad

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



45.5923, 46.8040, 48.7506



43.2698, 46.8040, 49.3782



44.6157, 46.8040, 54.9029

Complementary

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



45.5923, 46.8040, 48.7506



45.6374, 49.1482, 55.7969

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.



43.9294, 46.8040, 54.5577



45.5923, 46.8040, 48.7506



43.1571, 46.8040, 51.3342

Square

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



45.5923, 46.8040, 48.7506



43.7069, 46.8040, 47.8827



43.3973, 46.8040, 53.2385



45.2739, 46.8040, 54.1697

Rectangle

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



45.5923, 46.8040, 48.7506



44.5911, 46.8040, 47.2078



43.3973, 46.8040, 53.2385



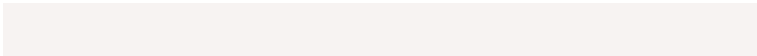
44.3806, 46.8040, 54.9093

Sweetspot

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



45.5936, 46.8060, 48.7516



86.6881, 90.5112, 97.2236



46.2333, 46.4194, 54.1005



19.0576, 19.9058, 21.3970



92.9021, 97.7402, 106.4391



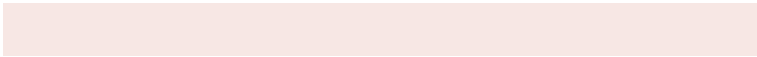
19.4759, 20.4902, 22.3138

Same Dimension

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



45.5936, 46.8060, 48.7516



80.9625, 82.4916, 84.7357



46.8305, 49.2799, 49.1639



9.6554, 9.7869, 9.9568



14.4984, 8.0356, 0.7869



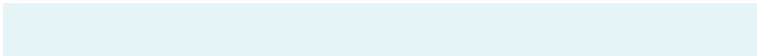
0.6086, 0.3960, 0.0444

Inverse Universe

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



45.6374, 49.1482, 55.7969



81.0634, 87.8888, 100.9709



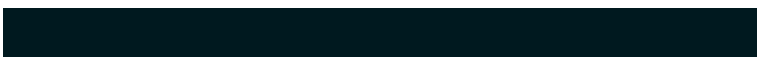
44.3829, 46.6392, 55.3787



9.6693, 10.5310, 12.1953



14.3915, 18.8948, 35.2814



0.6003, 0.8133, 1.3942

Previews

White Background



This preview shows how the XYZ color 45.5923, 46.8040, 48.7506 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 45.5923, 46.8040, 48.7506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

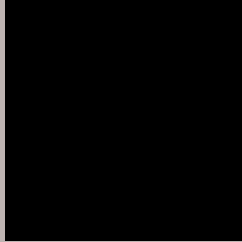
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

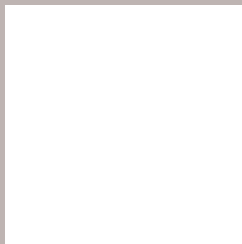
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5923, 46.8040, 48.7506

Background



This preview shows how black text looks on a background with the XYZ color 45.5923, 46.8040, 48.7506.



This preview shows how white text looks on a background with the XYZ color 45.5923, 46.8040,

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

45.5923, 46.8040, 48.7506

Protanopia

44.9103, 46.7415, 49.3028

Deuteranopia

47.7494, 46.7228, 49.1496



Tritanopia

47.1731, 46.8530, 56.4264

Trichromacy



Original Color

45.5923, 46.8040, 48.7506

Protanomaly

45.1541, 46.8672, 49.3142

Deuteranomaly

46.8848, 46.5693, 49.1655

Tritanomaly

46.5756, 46.9044, 53.6124

Monochromacy



Original Color

45.5923, 46.8040, 48.7506

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.3181, 47.2312, 50.4441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5923, 46.8040, 48.7506 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(190, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 178)  
}
```

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(190, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 178) }
```

Border

The CSS property to change the border of an element to XYZ 45.5923, 46.8040, 48.7506 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(190, 180, 178) }
```


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

```
.border{ border-color:rgb(190, 180, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5923, 46.8040, 48.7506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 178) }
```

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

```
.background{ background-color: rgb(190,  
180, 178) }
```

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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