

Converting Colors

XYZ(45.8812, 47.2577, 49.4066)

Have a look what the booklet for
XYZ(45.8812, 47.2577, 49.4066)
contains.

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Color

**XYZ(45.8958, 47.2496,
49.3489)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB5B3
RGB	190, 181, 179
RGB Percent	75%, 71%, 70%
CMY	0.2549, 0.2902, 0.2980
CMYK	0.00, 0.05, 0.06, 0.25
HSL	11°, 8%, 72%
HSV	11°, 6%, 75%
XYZ	45.8958, 47.2496, 49.3489
YIQ	183.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

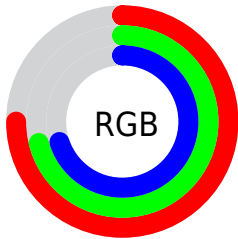
Format	Color
RYB	190, 181, 179
Decimal	12498355
CIELab	74.35, 2.83, 2.15
CIELCh	74, 3.553, 37.176
Yxy	47.2496, 0.3221, 0.3316
Android (android.graphics.Color)	4290688435 (0xFFBEB5B3)
YUV	183.4630, -2.2003, 5.7329
Hunter-Lab	68.7383, -1.1097, 5.5511

Details

The XYZ color **45.8958, 47.2496, 49.3489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8678, 49.2671, 55.8079**, and the grayscale version is **45.2746, 47.6324, 51.8716**.

A 20% lighter version of the original color is **83.2856, 86.1594, 90.8381**, and **21.8016, 22.2631, 22.8868** is the 20% darker color. If you saturate the color by 10%, you get **41.1199, 40.5637, 38.9205**, and if you desaturate by 10%, it is **51.2916, 54.7504, 61.2914**.

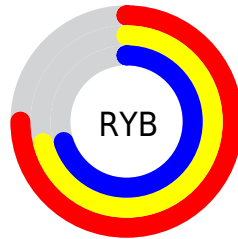
Distribution



Red (75%)

Green (71%)

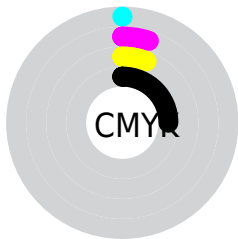
Blue (70%)



Red (75%)

Yellow (71%)

Blue (70%)

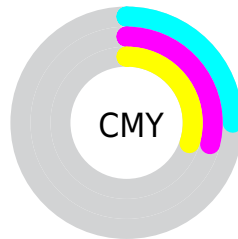


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8958, 47.2496, 49.3489 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 45.8958, 47.2496, 49.3489 by changing the saturation by 10% instead.

■ 45.8958, 47.2496,
49.3489

■ 45.8958, 47.2496,
49.3489

361.1125,
375.8100, 400.7761

■ 32.3679, 33.2330,
34.5288

■ 83.2919, 86.0861,
90.5958

■ 21.7996, 22.3050,
23.0195

107.8907,
111.6748, 117.8596

■ 13.8255, 14.0812,
14.4025

136.9105,
141.8896, 150.1084

■ 8.0803, 8.1772,
8.2592

170.7168,
177.1150, 187.7608

■ 4.1986, 4.2085,
4.1711

209.6747,
217.7353, 231.2352

■ 1.8151, 1.7909,
1.7197

254.1498,

■ 0.5267, 0.4815,

264.1350, 280.9502

0.3742

304.5073,
316.6984, 337.3243

■ 0.0000, 0.0000,
0.0000

■ 45.8958, 47.2496,
49.3489

■ 45.8958, 47.2496,
49.3489

■ 41.1199, 40.5637,
38.9205

■ 51.2916, 54.7504,
61.2914

■ 36.9377, 34.6593,
29.9428

■ 57.3245, 63.0861,
74.8021

■ 33.3269, 29.5095,
22.3520

■ 64.0160, 72.2834,
89.9362

■ 30.2622, 25.0836,
16.0788

■ 71.3850, 82.3662,
106.7436

■ 27.7165, 21.3490,
11.0476

■ 75.0455, 89.6873,
107.9638

■ 25.6603, 18.2702,
7.1752

■ 24.0607, 15.8087,
4.3681

■ 22.8811, 13.9219,
2.5182

■ 22.0774, 12.5610,
1.4906

Harmonies

Analogous

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



46.1399, 47.2496, 51.0083



45.8958, 47.2496, 49.3489



45.3878, 47.2496, 48.2700

Triad

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



45.8958, 47.2496, 49.3489



43.7860, 47.2496, 50.0934



45.0630, 47.2496, 55.0189

Complementary

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



45.8958, 47.2496, 49.3489



45.8678, 49.2671, 55.8079

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.



44.4342, 47.2496, 54.7599



45.8958, 47.2496, 49.3489



43.7008, 47.2496, 51.8878

Square

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



45.8958, 47.2496, 49.3489



44.1707, 47.2496, 48.6927



43.9371, 47.2496, 53.6033



45.6561, 47.2496, 54.3028

Rectangle

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



45.8958, 47.2496, 49.3489



44.9699, 47.2496, 48.0105



43.9371, 47.2496, 53.6033



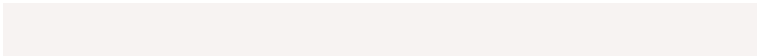
44.8488, 47.2496, 55.0433

Sweetspot

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



45.8971, 47.2517, 49.3499



86.7106, 90.5562, 97.2311



46.4511, 46.8261, 54.2620



19.0623, 19.9152, 21.3985



92.9021, 97.7402, 106.4391



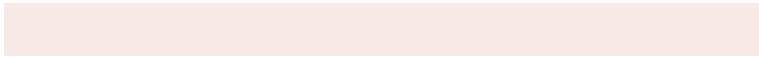
19.4759, 20.4902, 22.3138

Same Dimension

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



45.8971, 47.2517, 49.3499



81.9617, 83.9379, 86.7708



47.0018, 49.4610, 49.7181



9.8685, 10.0916, 10.4022



14.5546, 8.1479, 0.8056



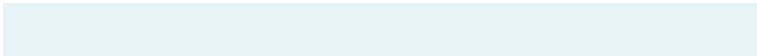
0.6136, 0.4061, 0.0460

Inverse Universe

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



45.8678, 49.2671, 55.8079



81.8970, 88.3856, 101.0228



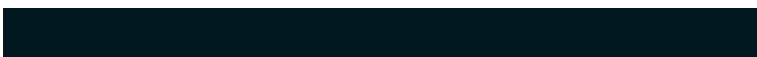
44.7501, 47.0317, 55.4353



9.8603, 10.6555, 12.2092



14.0707, 18.2532, 35.1745



0.5903, 0.7932, 1.3909

Previews

White Background



This preview shows how the XYZ color 45.8958, 47.2496, 49.3489 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 45.8958, 47.2496, 49.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

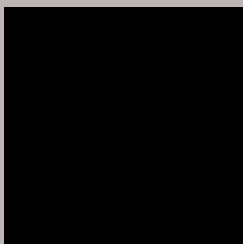
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

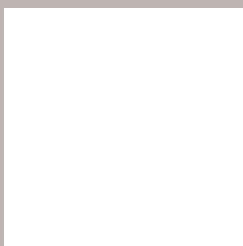
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.8958, 47.2496, 49.3489

Background



This preview shows how black text looks on a background with the XYZ color 45.8958, 47.2496, 49.3489.



This preview shows how white text looks on a background with the XYZ color 45.8958, 47.2496,

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

45.8958, 47.2496, 49.3489

Protanopia

45.4597, 47.3160, 49.9169

Deuteranopia

48.3175, 47.2961, 49.7625



Tritanopia

47.4840, 47.2969, 57.0786

Trichromacy



Original Color

45.8958, 47.2496, 49.3489

Protanomaly

45.7052, 47.4426, 49.9284

Deuteranomaly

47.4473, 47.1418, 49.7786

Tritanomaly

46.8842, 47.3497, 54.2453

Monochromacy



Original Color

45.8958, 47.2496, 49.3489

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4211, 47.2724, 50.9865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8958, 47.2496, 49.3489 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, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(190, 181, 179)  
}
```

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, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 181, 179) }
```

Border

The CSS property to change the border of an element to XYZ 45.8958, 47.2496, 49.3489 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, 181, 179) }
```


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

```
.border{ border-color:rgb(190, 181, 179) }
```

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

Here you see how a box with a 4 pixel rgb(190, 181, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(190, 181,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8958, 47.2496, 49.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 181, 179) }
```

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

```
.background{ background-color: rgb(190,  
181, 179) }
```

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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