

Converting Colors

XYZ(45.7514, 50.3901, 47.1060)

Have a look what the booklet for
XYZ(45.7514, 50.3901, 47.1060)
contains.

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Color

**XYZ(45.7992, 50.3849,
47.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BFAE
RGB	183, 191, 174
RGB Percent	72%, 75%, 68%
CMY	0.2823, 0.2510, 0.3176
CMYK	0.04, 0.00, 0.09, 0.25
HSL	88°, 12%, 72%
HSV	88°, 9%, 75%
XYZ	45.7992, 50.3849, 47.3558
YIQ	186.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

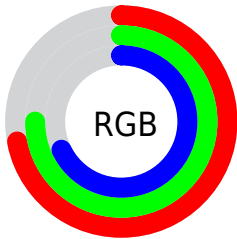
Format	Color
RYB	174, 191, 182
Decimal	12042158
CIELab	76.30, -5.87, 7.62
CIELCh	76, 9.618, 127.646
Yxy	50.3849, 0.3191, 0.3510
Android (android.graphics.Color)	4290232238 (0xFFB7BFAE)
YUV	186.6700, -6.2463, -3.2186
Hunter-Lab	70.9823, -9.0473, 10.1323

Details

The XYZ color **45.7992, 50.3849, 47.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8335, 43.9802, 55.4717**, and the grayscale version is **47.0832, 49.5351, 53.9438**.

A 20% lighter version of the original color is **83.0002, 90.5294, 87.2281**, and **21.8073, 24.3279, 21.9587** is the 20% darker color. If you saturate the color by 10%, you get **41.9976, 48.6267, 38.1392**, and if you desaturate by 10%, it is **50.0050, 52.3239, 57.9757**.

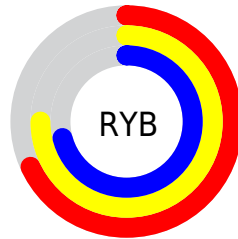
Distribution



Red (72%)

Green (75%)

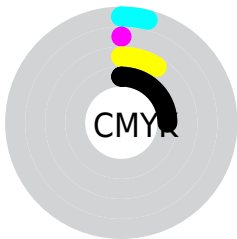
Blue (68%)



Red (68%)

Yellow (75%)

Blue (71%)

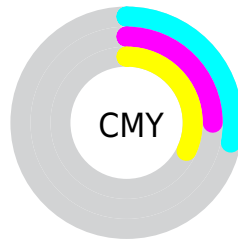


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7992, 50.3849, 47.3558 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 45.7992, 50.3849, 47.3558 by changing the saturation by 10% instead.

■ 45.7992, 50.3849,
47.3558

■ 45.7992, 50.3849,
47.3558

360.7303,
388.1692, 392.6678

■ 32.2913, 35.7193,
32.9607

■ 83.1481, 90.7449,
87.6000

■ 21.7408, 24.2175,
21.8254

107.7199,
117.2081, 114.2862

■ 13.7821, 15.4950,
13.5316

136.7103,
148.3727, 145.9064

■ 8.0499, 9.1676,
7.6606

170.4848,
184.6229, 182.8793

■ 4.1790, 4.8506,
3.7939

209.4087,
226.3433, 225.6233

■ 1.8039, 2.1599,
1.5130

253.8473,

■ 0.5200, 0.6980,

273.9183, 274.5570

0.2276

304.1661,
327.7321, 330.0990

■ 0.0000, 0.0000,
0.0000

■ 45.7992, 50.3849,
47.3558

■ 45.7992, 50.3849,
47.3558

■ 41.9976, 48.6267,
38.1392

■ 50.0050, 52.3239,
57.9757

■ 38.5825, 47.0369,
30.2638

■ 54.6239, 54.4425,
70.0508

■ 35.5407, 45.6116,
23.6680

■ 59.6695, 56.7482,
83.6344

■ 32.8567, 44.3443,
18.2840

■ 65.1535, 59.2458,
98.7761

■ 30.5137, 43.2280,
14.0375

■ 68.6629, 60.9705,
102.7573

■ 28.4931, 42.2549,
10.8464

■ 71.5894, 62.4791,
102.8943

■ 26.7744, 41.4165,
8.6172

■ 74.6664, 64.0654,
103.0383

■ 25.3336, 40.7027,
7.2403

■ 77.8960, 65.7303,
103.1894

■ 24.1320, 40.0977,
6.5280

■ 77.9218, 65.7436,
103.1906

Harmonies

Analogous

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



47.4287, 50.3849, 45.5811



45.7992, 50.3849, 47.3558



44.7485, 50.3849, 51.1640

Triad

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



45.7992, 50.3849, 47.3558



46.5806, 50.3849, 64.5835



51.4146, 50.3849, 53.5477

Complementary

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



45.7992, 50.3849, 47.3558



43.8335, 43.9802, 55.4717

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.



51.1738, 50.3849, 58.7311



45.7992, 50.3849, 47.3558



48.3530, 50.3849, 65.3210

Square

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



45.7992, 50.3849, 47.3558



45.1917, 50.3849, 61.1629



50.0421, 50.3849, 63.1191



50.6923, 50.3849, 49.0068

Rectangle

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



45.7992, 50.3849, 47.3558



44.5023, 50.3849, 54.4531



50.0421, 50.3849, 63.1191



51.4440, 50.3849, 55.2701

Sweetspot

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



45.8006, 50.3871, 47.3569



86.3442, 92.2304, 95.6346



45.8421, 47.5628, 46.8096



18.8254, 20.1908, 20.6590



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.



45.8006, 50.3871, 47.3569



80.4149, 89.4950, 80.8444



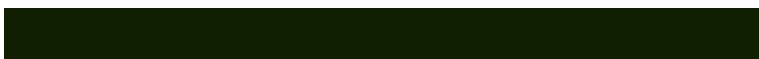
43.8544, 49.3838, 47.2658



9.8778, 10.8914, 10.1583



15.8713, 26.3578, 4.2511



0.6966, 1.0711, 0.1700

Inverse Universe

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



43.8335, 43.9802, 55.4717



76.0607, 75.3128, 98.8071



45.8856, 45.0381, 55.5677



9.4320, 9.4396, 11.9971



9.0368, 3.9447, 32.6780



0.4295, 0.1935, 1.2836

Previews

White Background



This preview shows how the XYZ color 45.7992, 50.3849, 47.3558 looks on a white background.

Color Contrast Check

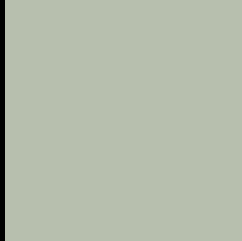
Large Text (above 18pt) WCAG AA × Fail

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 45.7992, 50.3849, 47.3558 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

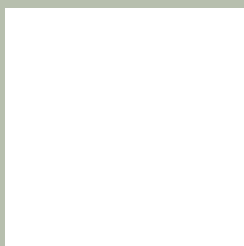
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.7992, 50.3849, 47.3558

Background



This preview shows how black text looks on a background with the XYZ color 45.7992, 50.3849, 47.3558.



This preview shows how white text looks on a background with the XYZ color 45.7992, 50.3849, 47.3558.

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

45.7992, 50.3849, 47.3558

Protanopia

47.7224, 50.1213, 46.1889

Deuteranopia

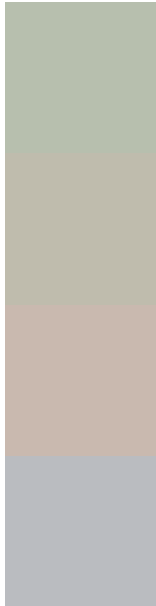
51.4284, 50.4394, 48.0995



Tritanopia

48.9245, 50.3697, 63.0208

Trichromacy



Original Color

45.7992, 50.3849, 47.3558

Protanomaly

47.0119, 50.0599, 46.7199

Deuteranomaly

49.1742, 50.2106, 47.6573

Tritanomaly

47.7473, 50.2113, 57.0444

Monochromacy



Original Color

45.7992, 50.3849, 47.3558

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.6764, 49.7829, 51.4049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7992, 50.3849, 47.3558 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(183, 191, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 174)  
}
```

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(183, 191, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 174) }
```

Border

The CSS property to change the border of an element to XYZ 45.7992, 50.3849, 47.3558 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(183, 191, 174) }
```


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

```
.border{ border-color:rgb(183, 191, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 191, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 191, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 191, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 191,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7992, 50.3849, 47.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 174) }
```

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

```
.background{ background-color: rgb(183,  
191, 174) }
```

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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