

Converting Colors

XYZ(45.4510, 48.8130, 52.1279)

Have a look what the booklet for
XYZ(45.4510, 48.8130, 52.1279)
contains.

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Color

**XYZ(45.4781, 48.8251,
52.3746)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BBB8
RGB	181, 187, 184
RGB Percent	71%, 73%, 72%
CMY	0.2902, 0.2666, 0.2784
CMYK	0.03, 0.00, 0.02, 0.27
HSL	150°, 4%, 72%
HSV	150°, 3%, 73%
XYZ	45.4781, 48.8251, 52.3746
YIQ	184.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

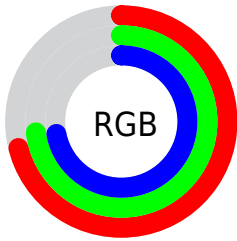
Format	Color
RYB	181, 185, 187
Decimal	11910072
CIELab	75.34, -2.64, 0.78
CIElCh	75, 2.757, 163.531
Yxy	48.8251, 0.3101, 0.3329
Android (android.graphics.Color)	4290100152 (0xFFB5BBB8)
YUV	184.8640, -0.4260, -3.3887
Hunter-Lab	69.8750, -6.1045, 4.4718

Details

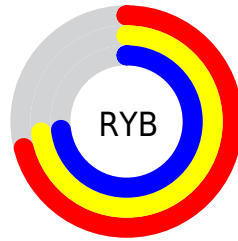
The XYZ color **45.4781, 48.8251, 52.3746** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6709, 47.0745, 52.0290**, and the grayscale version is **46.0430, 48.4408, 52.7520**.

A 20% lighter version of the original color is **82.7038, 88.3970, 95.1414**, and **21.5239, 23.2781, 24.8314** is the 20% darker color. If you saturate the color by 10%, you get **40.4359, 46.3367, 47.1882**, and if you desaturate by 10%, it is **51.1765, 51.6470, 57.9324**.

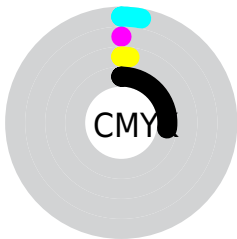
Distribution



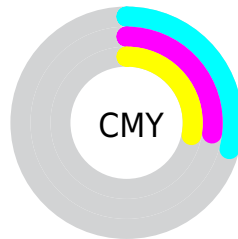
- Red (71%)
- Green (73%)
- Blue (72%)



- Red (71%)
- Yellow (73%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4781, 48.8251, 52.3746 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 45.4781, 48.8251, 52.3746 by changing the saturation by 10% instead.

■ 45.4781, 48.8251,
52.3746

■ 45.4781, 48.8251,
52.3746

359.4576,
382.0534, 412.8791

■ 32.0371, 34.4808,
36.9194

■ 82.6700, 88.4316,
95.1157

■ 21.5455, 23.2632,
24.8498

107.1517,
114.4626, 123.2387

■ 13.6380, 14.7880,
15.7472

136.0442,
145.1579, 156.4213

■ 7.9494, 8.6707,
9.1930

169.7129,
180.9020, 195.0823

■ 4.1141, 4.5270,
4.7688

208.5233,
222.0792, 239.6400

■ 1.7669, 1.9725,
2.0559

252.8406,

■ 0.4976, 0.5914,

269.0738, 290.5130

0.5893

303.0303,
322.2705, 348.1198

■ 0.0000, 0.0000,
0.0000

■ 45.4781, 48.8251,
52.3746

■ 45.4781, 48.8251,
52.3746

■ 40.4359, 46.3367,
47.1882

■ 51.1765, 51.6470,
57.9324

■ 36.0212, 44.1631,
42.3622

■ 57.5503, 54.8081,
63.8656

■ 32.2094, 42.2931,
37.8898

■ 64.6227, 58.3216,
70.1826

■ 28.9725, 40.7124,
33.7629

■ 72.1187, 62.0455,
76.8765

■ 26.2801, 39.4055,
29.9728

■ 73.4036, 62.5595,
83.6425

■ 24.0990, 38.3555,
26.5107

■ 74.7591, 63.1016,
90.7805

■ 22.3922, 37.5434,
23.3670

■ 76.1862, 63.6725,
98.2959

■ 21.1174, 36.9476,
20.5319

■ 77.0613, 64.0225,
102.9038

■ 20.2237, 36.5422,
17.9947

Harmonies

Analogous

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



45.7385, 48.8251, 51.1635



45.4781, 48.8251, 52.3746



45.4653, 48.8251, 53.8182

Triad

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



45.4781, 48.8251, 52.3746



46.6353, 48.8251, 55.9234



47.1172, 48.8251, 51.2622

Complementary

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



45.4781, 48.8251, 52.3746



45.6709, 47.0745, 52.0290

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.



47.3612, 48.8251, 52.5116



45.4781, 48.8251, 52.3746



47.0815, 48.8251, 55.2124

Square

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



45.4781, 48.8251, 52.3746



46.1310, 48.8251, 55.8851



47.3480, 48.8251, 53.9577



46.6837, 48.8251, 50.5293

Rectangle

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



45.4781, 48.8251, 52.3746



45.5988, 48.8251, 54.7196



47.3480, 48.8251, 53.9577



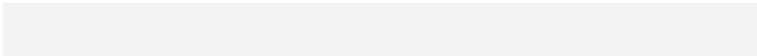
47.2243, 48.8251, 51.6347

Sweetspot

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



45.4795, 48.8272, 52.3757



83.5861, 88.5014, 95.9260



45.9037, 49.0818, 50.7711



18.4183, 19.4951, 21.1356



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.4795, 48.8272, 52.3757



80.6323, 87.0408, 92.9802



45.7870, 48.9502, 53.9952



10.1460, 10.9956, 11.7105



13.6555, 25.0525, 11.5147



0.5679, 0.9945, 0.6250

Inverse Universe

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



45.6709, 47.0745, 52.0290



81.0640, 83.0888, 92.1985



45.3696, 46.9540, 50.4424



10.2087, 10.4213, 11.5969



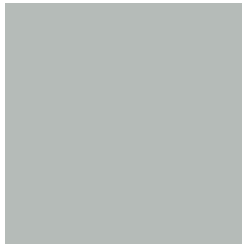
15.5348, 7.8451, 8.1101



0.6415, 0.3205, 0.4916

Previews

White Background



This preview shows how the XYZ color 45.4781, 48.8251, 52.3746 looks on a white background.

Color Contrast Check

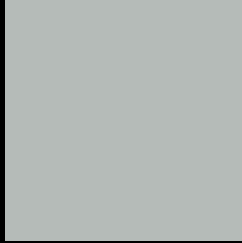
Large Text (above 18pt) WCAG AA × Fail

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 45.4781, 48.8251, 52.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

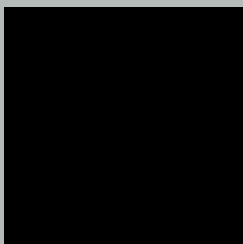
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

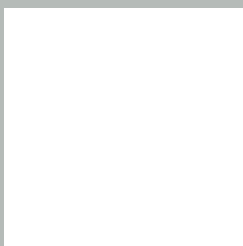
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4781, 48.8251, 52.3746

Background



This preview shows how black text looks on a background with the XYZ color 45.4781, 48.8251, 52.3746.



This preview shows how white text looks on a background with the XYZ color 45.4781, 48.8251,

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

45.4781, 48.8251, 52.3746

Protanopia

46.8825, 48.9356, 51.7743

Deuteranopia

49.7068, 48.8418, 52.7065



Tritanopia

47.1862, 48.8887, 60.9823

Trichromacy



Original Color

45.4781, 48.8251, 52.3746

Protanomaly

46.3558, 48.9758, 51.8098

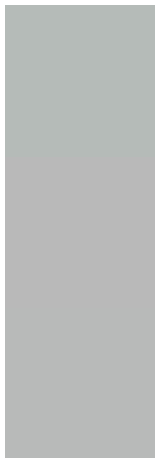
Deuteranomaly

48.1961, 48.9719, 52.8112

Tritanomaly

46.5879, 48.9579, 58.0333

Monochromacy



Original Color

45.4781, 48.8251, 52.3746

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.0830, 48.8109, 52.8916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4781, 48.8251, 52.3746 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(181, 187, 184) looks like.

```
.text, #text, p{  
    color:rgb(181, 187, 184)  
}
```

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(181, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 187, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.4781, 48.8251, 52.3746 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(181, 187, 184) }
```


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

```
.border{ border-color:rgb(181, 187, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 187, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 187,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4781, 48.8251, 52.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 187, 184) }
```

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

```
.background{ background-color: rgb(181,  
187, 184) }
```

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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