

Converting Colors

XYZ(46.6103, 50.0729, 52.8928)

Have a look what the booklet for
XYZ(46.6103, 50.0729, 52.8928)
contains.

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Color

**XYZ(46.7217, 50.0883,
53.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BDB9
RGB	184, 189, 185
RGB Percent	72%, 74%, 73%
CMY	0.2784, 0.2588, 0.2745
CMYK	0.03, 0.00, 0.02, 0.26
HSL	132°, 4%, 73%
HSV	132°, 3%, 74%
XYZ	46.7217, 50.0883, 53.1045
YIQ	187.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

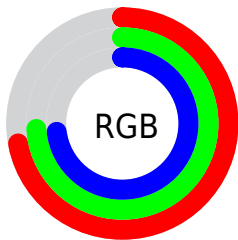
Format	Color
RYB	184, 188, 189
Decimal	12107193
CIELab	76.12, -2.48, 1.40
CIELCh	76, 2.848, 150.471
Yxy	50.0883, 0.3117, 0.3341
Android (android.graphics.Color)	4290297273 (0xFFB8BDB9)
YUV	187.0490, -1.0102, -2.6740
Hunter-Lab	70.7731, -6.0140, 5.0530

Details

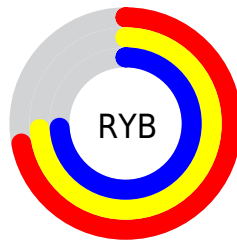
The XYZ color **46.7217, 50.0883, 53.1045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2057, 48.7319, 54.4975**, and the grayscale version is **47.2691, 49.7308, 54.1568**.

A 20% lighter version of the original color is **84.4648, 90.1810, 96.1740**, and **22.3291, 24.0996, 25.3046** is the 20% darker color. If you saturate the color by 10%, you get **40.9809, 47.3050, 44.9414**, and if you desaturate by 10%, it is **53.2401, 53.2557, 62.1925**.

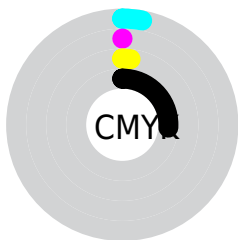
Distribution



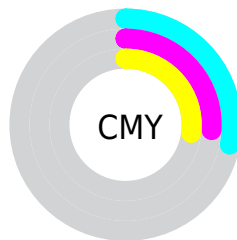
- Red (72%)
- Green (74%)
- Blue (73%)



- Red (72%)
- Yellow (74%)
- Blue (74%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7217, 50.0883, 53.1045 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 46.7217, 50.0883, 53.1045 by changing the saturation by 10% instead.

■ 46.7217, 50.0883,
53.1045

■ 46.7217, 50.0883,
53.1045

364.3701,
387.0111, 415.7636

■ 33.0227, 35.4836,
37.4979

■ 84.5193, 90.3057,
96.2012

■ 22.3032, 24.0356,
25.2944

109.3487,
116.6871, 124.5284

■ 14.1977, 15.3600,
16.0755

138.6189,
147.7629, 157.9329

■ 8.3409, 9.0725,
9.4227

172.6953,
183.9175, 196.8332

■ 4.3675, 4.7885,
4.9173

211.9433,
225.5352, 241.6479

■ 1.9121, 2.1237,
2.1410

256.7282,

■ 0.5838, 0.6779,

273.0004, 292.7955

0.6400

307.4153,
326.6976, 350.6946

■ 0.0000, 0.0000,
0.0000

■ 46.7217, 50.0883,
53.1045

■ 46.7217, 50.0883,
53.1045

■ 40.9809, 47.3050,
44.9414

■ 53.2401, 53.2557,
62.1925

■ 35.9843, 44.8849,
37.6709

■ 60.5594, 56.8144,
72.2297

■ 31.7025, 42.8149,
31.2637

■ 68.7072, 60.7794,
83.2437

■ 28.1023, 41.0786,
25.6875

■ 75.9947, 64.2796,
95.1797

■ 25.1479, 39.6583,
20.9084

■ 77.4886, 64.8771,
103.0462

■ 22.8003, 38.5346,
16.8897

■ 21.0159, 37.6859,
13.5920

■ 19.7455, 37.0876,
10.9724

■ 18.9304, 36.7106,
8.9834

Harmonies

Analogous

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



47.0899, 50.0883, 52.0481



46.7217, 50.0883, 53.1045



46.5905, 50.0883, 54.5618

Triad

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



46.7217, 50.0883, 53.1045



47.6158, 50.0883, 57.5241



48.4958, 50.0883, 53.0635

Complementary

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



46.7217, 50.0883, 53.1045



47.2057, 48.7319, 54.4975

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.



48.6391, 50.0883, 54.5135



46.7217, 50.0883, 53.1045



48.1288, 50.0883, 57.1054

Square

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



46.7217, 50.0883, 53.1045



47.1043, 50.0883, 57.1302



48.5043, 50.0883, 55.9963



48.1141, 50.0883, 52.0247

Rectangle

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



46.7217, 50.0883, 53.1045



46.6542, 50.0883, 55.5701



48.5043, 50.0883, 55.9963



48.5735, 50.0883, 53.5181

Sweetspot

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



46.7231, 50.0904, 53.1056



85.4845, 90.5849, 97.6476



47.6109, 50.5603, 52.5978



18.3957, 19.4860, 21.0163



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.



46.7231, 50.0904, 53.1056



83.2382, 89.4945, 94.4897



46.9807, 50.1935, 54.4620



10.2092, 11.0315, 11.5637



12.4993, 24.5900, 5.4263



0.5131, 0.9726, 0.3364

Inverse Universe

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



47.2057, 48.7319, 54.4975



84.2307, 86.7004, 97.3524



46.9470, 48.6284, 53.1356



10.3593, 10.6090, 11.9965



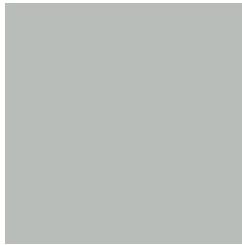
17.9180, 8.7983, 20.6594



0.7230, 0.3531, 0.9207

Previews

White Background



This preview shows how the XYZ color 46.7217, 50.0883, 53.1045 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 46.7217, 50.0883, 53.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

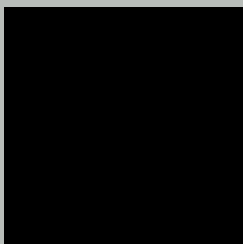
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

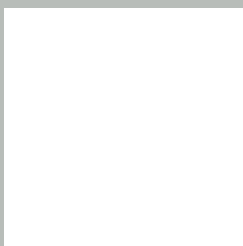
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7217, 50.0883, 53.1045

Background



This preview shows how black text looks on a background with the XYZ color 46.7217, 50.0883, 53.1045.



This preview shows how white text looks on a background with the XYZ color 46.7217, 50.0883,

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

46.7217, 50.0883, 53.1045

Protanopia

48.1603, 50.2078, 52.5002

Deuteranopia

51.0445, 50.1229, 53.4387



Tritanopia

48.8065, 50.3225, 62.3992

Trichromacy



Original Color

46.7217, 50.0883, 53.1045

Protanomaly

47.6212, 50.2459, 52.5359

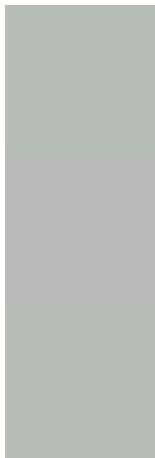
Deuteranomaly

49.5006, 50.2489, 53.5444

Tritanomaly

48.0832, 50.3457, 58.8132

Monochromacy



Original Color

46.7217, 50.0883, 53.1045

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.0958, 49.9507, 53.6136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7217, 50.0883, 53.1045 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(184, 189, 185) looks like.

```
.text, #text, p{  
    color:rgb(184, 189, 185)  
}
```

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(184, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 189, 185) }
```

Border

The CSS property to change the border of an element to XYZ 46.7217, 50.0883, 53.1045 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(184, 189, 185) }
```


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

```
.border{ border-color:rgb(184, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(184, 189,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7217, 50.0883, 53.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 189, 185) }
```

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

```
.background{ background-color: rgb(184,  
189, 185) }
```

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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