

Converting Colors

XYZ(48.1879, 52.7716, 46.4149)

Have a look what the booklet for
XYZ(48.1879, 52.7716, 46.4149)
contains.

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Color

**XYZ(48.1283, 52.6002,
46.1443)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC2AB
RGB	191, 194, 171
RGB Percent	75%, 76%, 67%
CMY	0.2510, 0.2392, 0.3294
CMYK	0.02, 0.00, 0.12, 0.24
HSL	68°, 16%, 72%
HSV	68°, 12%, 76%
XYZ	48.1283, 52.6002, 46.1443
YIQ	190.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

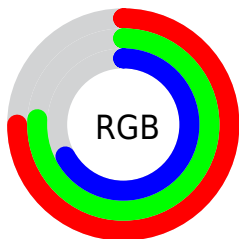
Format	Color
RYB	171, 194, 174
Decimal	12567211
CIELab	77.64, -5.09, 11.22
CIELCh	78, 12.317, 114.393
Yxy	52.6002, 0.3277, 0.3581
Android (android.graphics.Color)	4290757291 (0xFFBFC2AB)
YUV	190.4810, -9.6041, 0.4552
Hunter-Lab	72.5260, -8.4678, 13.0452

Details

The XYZ color **48.1283, 52.6002, 46.1443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7582, 42.0210, 56.9517**, and the grayscale version is **49.2736, 51.8397, 56.4534**.

A 20% lighter version of the original color is **86.2708, 93.6364, 85.4782**, and **23.1891, 25.4914, 21.1509** is the 20% darker color. If you saturate the color by 10%, you get **45.7820, 51.5904, 37.0797**, and if you desaturate by 10%, it is **50.7599, 53.7288, 56.6413**.

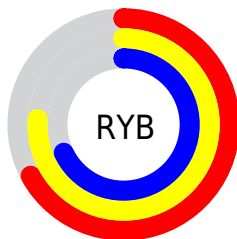
Distribution



Red (75%)

Green (76%)

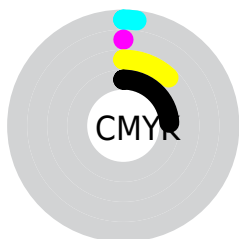
Blue (67%)



Red (67%)

Yellow (76%)

Blue (68%)

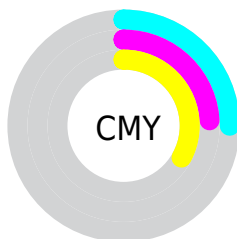


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1283, 52.6002, 46.1443 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 48.1283, 52.6002, 46.1443 by changing the saturation by 10% instead.

■ 48.1283, 52.6002,
46.1443

■ 48.1283, 52.6002,
46.1443

369.8746,
396.7494, 387.6829

■ 34.1402, 37.4837,
32.0102

■ 86.6039, 94.0158,
85.7715

■ 23.1647, 25.5822,
21.1044

111.8222,
121.0837, 112.1016

■ 14.8365, 16.5114,
13.0084

141.5145,
152.9042, 143.3343

■ 8.7903, 9.8867,
7.3035

176.0462,
189.8617, 179.8879

■ 4.6607, 5.3239,
3.5713

215.7827,
232.3405, 222.1810

■ 2.0823, 2.4385,
1.3932

261.0894,

■ 0.6795, 0.8456,

280.7252, 270.6322

0.1364

312.3316,
335.4000, 325.6600

■ 0.0000, 0.0000,
0.0000

■ 48.1283, 52.6002,
46.1443

■ 48.1283, 52.6002,
46.1443

■ 45.7820, 51.5904,
37.0797

■ 50.7599, 53.7288,
56.6413

■ 43.7050, 50.6879,
29.3821

■ 53.6837, 54.9739,
68.6254

■ 41.8860, 49.8899,
22.9859

■ 56.9116, 56.3419,
82.1529

■ 40.3111, 49.1907,
17.8191

■ 60.4536, 57.8368,
97.2760

■ 38.9654, 48.5845,
13.8025

■ 62.1540, 58.5963,
102.6421

■ 37.8320, 48.0644,
10.8476

■ 62.8526, 58.9565,
102.6748

■ 36.8916, 47.6228,
8.8533

■ 63.5626, 59.3225,
102.7080

■ 36.1212, 47.2504,
7.6988

■ 64.2841, 59.6944,
102.7418

■ 35.5841, 46.9842,
7.1934

■ 65.0169, 60.0722,
102.7761

Harmonies

Analogous

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



50.4435, 52.6002, 45.1921



48.1283, 52.6002, 46.1443



46.3651, 52.6002, 49.9743

Triad

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



48.1283, 52.6002, 46.1443



47.3770, 52.6002, 68.6053



54.6900, 52.6002, 58.5631

Complementary

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



48.1283, 52.6002, 46.1443



41.7582, 42.0210, 56.9517

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.



53.8094, 52.6002, 65.2491



48.1283, 52.6002, 46.1443



49.5490, 52.6002, 71.3345

Square

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



48.1283, 52.6002, 46.1443



45.9410, 52.6002, 62.8588



51.9092, 52.6002, 70.0602



54.2805, 52.6002, 52.0277

Rectangle

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



48.1283, 52.6002, 46.1443



45.7148, 52.6002, 53.8177



51.9092, 52.6002, 70.0602



54.5342, 52.6002, 60.8724

Sweetspot

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



48.1297, 52.6025, 46.1454



90.8628, 96.8694, 98.1905



44.6755, 44.5609, 44.7753



19.8159, 21.1783, 21.1728



0.0000, 0.0000, 0.0000



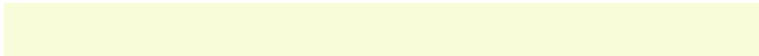
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1297, 52.6025, 46.1454



86.1429, 94.8453, 79.4854



45.4241, 51.2077, 46.0188



10.7799, 11.6895, 10.7500



23.4435, 30.9144, 4.7315



1.0497, 1.3547, 0.2062

Inverse Universe

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



41.7582, 42.0210, 56.9517



72.5218, 72.2236, 102.5880



44.3540, 43.3592, 57.0732



9.6479, 9.8096, 12.6698



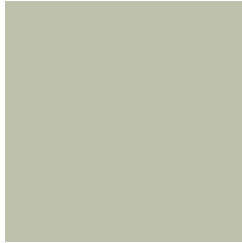
6.7110, 2.7201, 33.7279



0.3308, 0.1386, 1.4592

Previews

White Background



This preview shows how the XYZ color 48.1283, 52.6002, 46.1443 looks on a white background.

Color Contrast Check

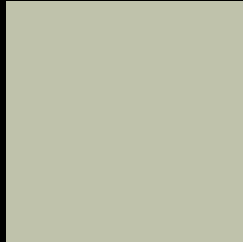
Large Text (above 18pt) WCAG AA × Fail

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 48.1283, 52.6002, 46.1443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

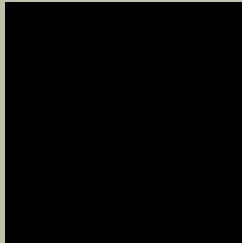
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

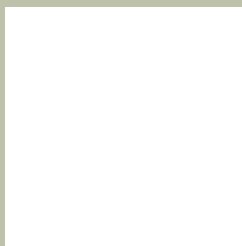
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1283, 52.6002, 46.1443

Background



This preview shows how black text looks on a background with the XYZ color 48.1283, 52.6002, 46.1443.



This preview shows how white text looks on a background with the XYZ color 48.1283, 52.6002,

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

48.1283, 52.6002, 46.1443

Protanopia

49.7059, 52.4432, 45.5330

Deuteranopia

53.5071, 52.4668, 46.8421



Tritanopia

51.8616, 52.4906, 64.5250

Trichromacy



Original Color

48.1283, 52.6002, 46.1443

Protanomaly

49.1313, 52.4719, 45.5688

Deuteranomaly

51.4420, 52.3549, 46.4239

Tritanomaly

50.3934, 52.5367, 57.3538

Monochromacy



Original Color

48.1283, 52.6002, 46.1443

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.4132, 51.6277, 52.2132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1283, 52.6002, 46.1443 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(191, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 171)  
}
```

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(191, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 171) }
```

Border

The CSS property to change the border of an element to XYZ 48.1283, 52.6002, 46.1443 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(191, 194, 171) }
```


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

```
.border{ border-color:rgb(191, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1283, 52.6002, 46.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 171) }
```

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

```
.background{ background-color: rgb(191,  
194, 171) }
```

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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