

Converting Colors

XYZ(46.5090, 52.4624, 50.1535)

Have a look what the booklet for
XYZ(46.5090, 52.4624, 50.1535)
contains.

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Color

**XYZ(46.4670, 52.3182,
50.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C4B3
RGB	179, 196, 179
RGB Percent	70%, 77%, 70%
CMY	0.2980, 0.2314, 0.2980
CMYK	0.09, 0.00, 0.09, 0.23
HSL	120°, 13%, 74%
HSV	120°, 9%, 77%
XYZ	46.4670, 52.3182, 50.2972
YIQ	188.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

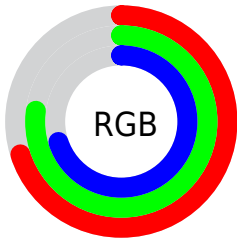
Format	Color
RYB	179, 196, 196
Decimal	11781299
CIELab	77.47, -9.00, 6.55
CIElCh	77, 11.135, 143.960
Yxy	52.3182, 0.3117, 0.3509
Android (android.graphics.Color)	4289971379 (0xFFB3C4B3)
YUV	188.9790, -4.9196, -8.7516
Hunter-Lab	72.3313, -11.9081, 9.4033

Details

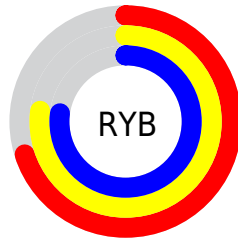
The XYZ color **46.4670, 52.3182, 50.2972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8507, 47.9627, 58.9100**, and the grayscale version is **48.3881, 50.9081, 55.4389**.

A 20% lighter version of the original color is **84.3816, 93.9109, 92.2765**, and **22.0431, 25.2880, 23.4579** is the 20% darker color. If you saturate the color by 10%, you get **40.4115, 49.4110, 40.3912**, and if you desaturate by 10%, it is **53.4511, 55.6746, 61.7197**.

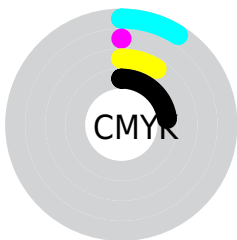
Distribution



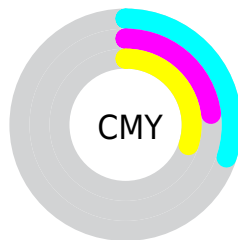
- Red (70%)
- Green (77%)
- Blue (70%)



- Red (70%)
- Yellow (77%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4670, 52.3182, 50.2972 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 46.4670, 52.3182, 50.2972 by changing the saturation by 10% instead.

■ 46.4670, 52.3182,
50.2972

■ 46.4670, 52.3182,
50.2972

363.3675,
395.6638, 404.5954

■ 32.8207, 37.2588,
35.2768

■ 84.1411, 93.6003,
92.0159

■ 22.1477, 25.4079,
23.5909

108.8995,
120.5919, 119.5512

■ 14.0827, 16.3812,
14.8210

138.0927,
152.3295, 152.0953

■ 8.2603, 9.7943,
8.5487

172.0860,
189.1977, 190.0666

■ 4.3151, 5.2628,
4.3552

211.2448,
231.5808, 233.8838

■ 1.8819, 2.4023,
1.8222

255.9344,

■ 0.5663, 0.8271,

279.8633, 283.9652

0.4425

306.5202,
334.4295, 340.7296

■ 0.0000, 0.0000,
0.0000

■ 46.4670, 52.3182,
50.2972

■ 46.4670, 52.3182,
50.2972

■ 40.4115, 49.4110,
40.3912

■ 53.4511, 55.6746,
61.7197

■ 35.2415, 46.9276,
31.9348

■ 61.3961, 59.4910,
74.7150

■ 30.9168, 44.8502,
24.8609

■ 70.3380, 63.7862,
89.3410

■ 27.3925, 43.1573,
19.0962

■ 79.0309, 67.9619,
103.5603

■ 24.6194, 41.8252,
14.5604

■ 22.5432, 40.8279,
11.1642

■ 21.1019, 40.1356,
8.8067

■ 20.2229, 39.7134,
7.3689

■ 19.7877, 39.5043,
6.6569

Harmonies

Analogous

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



48.0713, 52.3182, 46.8424



46.4670, 52.3182, 50.2972



45.7385, 52.3182, 55.7323

Triad

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



46.4670, 52.3182, 50.2972



49.2943, 52.3182, 69.5331



53.5905, 52.3182, 52.3037

Complementary

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



46.4670, 52.3182, 50.2972



48.8507, 47.9627, 58.9100

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.



53.9406, 52.3182, 58.2170



46.4670, 52.3182, 50.2972



51.4201, 52.3182, 68.4514

Square

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



46.4670, 52.3182, 50.2972



47.3404, 52.3182, 67.0568



53.1358, 52.3182, 64.1988



52.1922, 52.3182, 47.9413

Rectangle

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



46.4670, 52.3182, 50.2972



45.8321, 52.3182, 59.8620



53.1358, 52.3182, 64.1988



53.8363, 52.3182, 54.1642

Sweetspot

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



46.4684, 52.3204, 50.2983



91.0839, 98.0949, 102.4128



50.6438, 54.4729, 50.4936



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



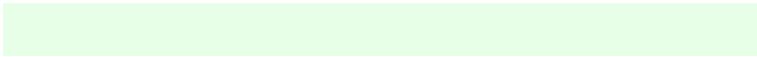
20.3446, 21.4041, 23.3091

Same Dimension

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



46.4684, 52.3204, 50.2983



82.4457, 93.9455, 88.2836



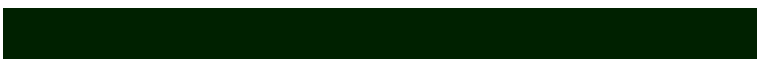
47.3552, 52.6751, 54.9679



9.9445, 11.2588, 10.7110



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



48.8507, 47.9627, 58.9100



87.4478, 84.7957, 106.3655



47.9100, 47.5865, 53.9564



10.4973, 10.2475, 12.7095



21.0294, 10.1015, 34.3965



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 46.4670, 52.3182, 50.2972 looks on a white background.

Color Contrast Check

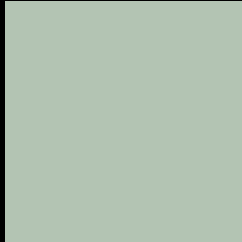
Large Text (above 18pt) WCAG AA × Fail

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 46.4670, 52.3182, 50.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

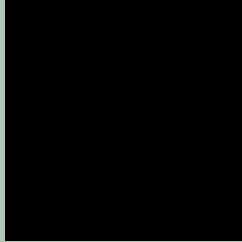
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4670, 52.3182, 50.2972

Background



This preview shows how black text looks on a background with the XYZ color 46.4670, 52.3182, 50.2972.



This preview shows how white text looks on a background with the XYZ color 46.4670, 52.3182,

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

46.4670, 52.3182, 50.2972

Protanopia

49.5386, 51.9673, 48.4940

Deuteranopia

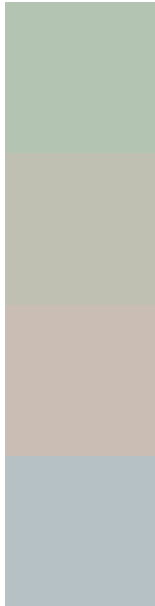
53.1300, 52.1803, 50.9876



Tritanopia

49.8793, 52.3946, 66.5157

Trichromacy



Original Color

46.4670, 52.3182, 50.2972

Protanomaly

48.2713, 51.9500, 49.0781

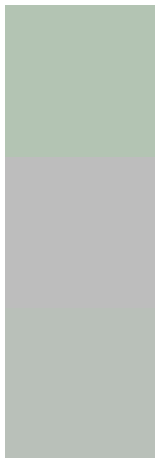
Deuteranomaly

50.5232, 52.1080, 50.5750

Tritanomaly

48.4394, 52.1162, 60.3297

Monochromacy



Original Color

46.4670, 52.3182, 50.2972

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.6142, 51.5163, 53.3331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4670, 52.3182, 50.2972 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(179, 196, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 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(179, 196, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 179) }
```

Border

The CSS property to change the border of an element to XYZ 46.4670, 52.3182, 50.2972 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(179, 196, 179) }
```


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

```
.border{ border-color:rgb(179, 196, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 196, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4670, 52.3182, 50.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 179) }
```

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

```
.background{ background-color: rgb(179,  
196, 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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