

Converting Colors

XYZ(46.3295, 50.1596, 50.9564)

Have a look what the booklet for
XYZ(46.3295, 50.1596, 50.9564)
contains.

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Color

**XYZ(46.2824, 50.2304,
50.9722)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BEB5
RGB	183, 190, 181
RGB Percent	72%, 75%, 71%
CMY	0.2823, 0.2549, 0.2902
CMYK	0.04, 0.00, 0.05, 0.25
HSL	107°, 6%, 73%
HSV	107°, 5%, 75%
XYZ	46.2824, 50.2304, 50.9722
YIQ	186.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

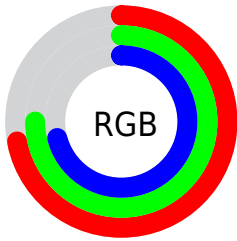
Format	Color
RYB	181, 190, 188
Decimal	12041909
CIELab	76.21, -4.09, 3.69
CIElCh	76, 5.511, 137.972
Yxy	50.2304, 0.3138, 0.3406
Android (android.graphics.Color)	4290231989 (0xFFB7BEB5)
YUV	186.8810, -2.8993, -3.4036
Hunter-Lab	70.8734, -7.4628, 6.9700

Details

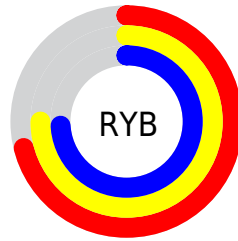
The XYZ color **46.2824, 50.2304, 50.9722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5592, 47.4582, 55.4242**, and the grayscale version is **47.1845, 49.6418, 54.0599**.

A 20% lighter version of the original color is **83.8384, 90.3767, 93.1464**, and **22.0479, 24.1957, 23.9303** is the 20% darker color. If you saturate the color by 10%, you get **41.1317, 47.7867, 41.2388**, and if you desaturate by 10%, it is **52.0711, 52.9752, 62.1256**.

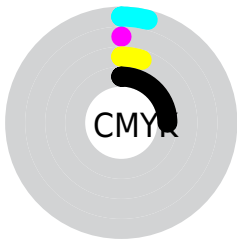
Distribution



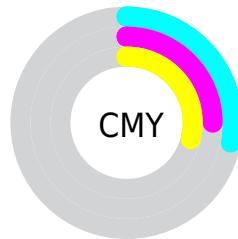
- Red (72%)
- Green (75%)
- Blue (71%)



- Red (71%)
- Yellow (75%)
- Blue (74%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2824, 50.2304, 50.9722 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 46.2824, 50.2304, 50.9722 by changing the saturation by 10% instead.

■ 46.2824, 50.2304,
50.9722

■ 46.2824, 50.2304,
50.9722

362.6398,
387.5663, 407.2992

■ 32.6743, 35.5965,
35.8099

■ 83.8668, 90.5162,
93.0248

■ 22.0351, 24.1227,
23.9989

108.5737,
116.9368, 120.7521

■ 13.9994, 15.4247,
15.1206

137.7110,
148.0551, 153.5049

■ 8.2020, 9.1180,
8.7565

171.6440,
184.2556, 191.7017

■ 4.2773, 4.8182,
4.4881

210.7380,
225.9225, 235.7609

■ 1.8602, 2.1410,
1.8967

255.3584,

■ 0.5535, 0.6875,

273.4404, 286.1013

0.4907

305.8705,
327.1935, 343.1412

■ 0.0000, 0.0000,
0.0000

■ 46.2824, 50.2304,
50.9722

■ 46.2824, 50.2304,
50.9722

■ 41.1317, 47.7867,
41.2388

■ 52.0711, 52.9752,
62.1256

■ 36.5926, 45.6273,
32.8652

■ 58.5145, 56.0241,
74.7492

■ 32.6434, 43.7439,
25.7918

■ 65.6339, 59.3886,
88.8950

■ 29.2591, 42.1250,
19.9533

■ 73.1243, 62.9477,
102.9038

■ 26.4131, 40.7583,
15.2790

■ 77.7044, 65.3089,
103.1181

■ 24.0765, 39.6308,
11.6905

■ 22.2175, 38.7278,
9.1004

■ 20.8003, 38.0332,
7.4071

■ 19.7836, 37.5284,
6.4881

Harmonies

Analogous

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



47.1323, 50.2304, 49.4586



46.2824, 50.2304, 50.9722



45.8263, 50.2304, 53.5157

Triad

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



46.2824, 50.2304, 50.9722



47.3298, 50.2304, 60.4459



49.6566, 50.2304, 52.9561

Complementary

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



46.2824, 50.2304, 50.9722



46.5592, 47.4582, 55.4242

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.



49.7113, 50.2304, 55.8862



46.2824, 50.2304, 50.9722



48.3579, 50.2304, 60.2829

Square

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



46.2824, 50.2304, 50.9722



46.4252, 50.2304, 59.0270



49.2330, 50.2304, 58.5893



49.0845, 50.2304, 50.5753

Rectangle

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



46.2824, 50.2304, 50.9722



45.8026, 50.2304, 55.4850



49.2330, 50.2304, 58.5893



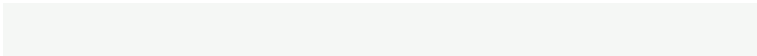
49.7364, 50.2304, 53.9073

Sweetspot

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



46.2838, 50.2326, 50.9733



87.6354, 92.8100, 99.5826



47.5397, 50.2093, 50.9026



19.2555, 20.3857, 21.8896



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.



46.2838, 50.2326, 50.9733



82.5333, 90.3905, 89.8207



46.0600, 50.0885, 52.2600



9.9251, 10.9025, 10.7586



12.9410, 24.8472, 4.1139



0.5647, 1.0031, 0.1638

Inverse Universe

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



46.5592, 47.4582, 55.4242



83.1695, 83.9799, 100.1054



46.7949, 47.6099, 54.0765



10.0074, 10.0732, 12.0891



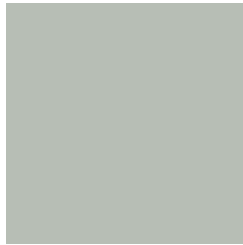
14.3462, 6.6818, 32.9265



0.6141, 0.2886, 1.2922

Previews

White Background



This preview shows how the XYZ color 46.2824, 50.2304, 50.9722 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 46.2824, 50.2304, 50.9722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

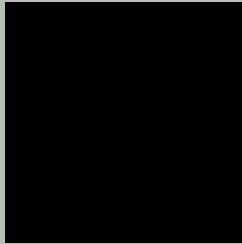
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

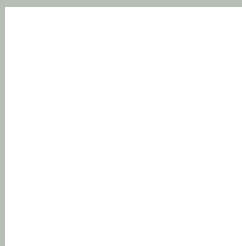
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2824, 50.2304, 50.9722

Background



This preview shows how black text looks on a background with the XYZ color 46.2824, 50.2304, 50.9722.



This preview shows how white text looks on a background with the XYZ color 46.2824, 50.2304,

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

46.2824, 50.2304, 50.9722

Protanopia

47.8993, 50.1328, 49.7999

Deuteranopia

51.2876, 50.2847, 51.8025



Tritanopia

48.6807, 50.2440, 63.0094

Trichromacy



Original Color

46.2824, 50.2304, 50.9722

Protanomaly

47.2077, 50.0805, 50.3584

Deuteranomaly

49.3456, 50.2174, 51.3481

Tritanomaly

47.7284, 50.1758, 58.2083

Monochromacy



Original Color

46.2824, 50.2304, 50.9722

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.9899, 49.9083, 53.0556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2824, 50.2304, 50.9722 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, 190, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 181)  
}
```

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, 190, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 181) }
```

Border

The CSS property to change the border of an element to XYZ 46.2824, 50.2304, 50.9722 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, 190, 181) }
```


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

```
.border{ border-color:rgb(183, 190, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 190, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 190, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 190, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 190,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2824, 50.2304, 50.9722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 181) }
```

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

```
.background{ background-color: rgb(183,  
190, 181) }
```

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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