

Converting Colors

XYZ(46.6469, 45.7497, 50.9720)

Have a look what the booklet for
XYZ(46.6469, 45.7497, 50.9720)
contains.

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Color

**XYZ(46.6422, 45.8146,
51.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AFB7
RGB	196, 175, 183
RGB Percent	77%, 69%, 72%
CMY	0.2314, 0.3137, 0.2823
CMYK	0.00, 0.11, 0.07, 0.23
HSL	337°, 15%, 73%
HSV	337°, 11%, 77%
XYZ	46.6422, 45.8146, 51.1845
YIQ	182.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

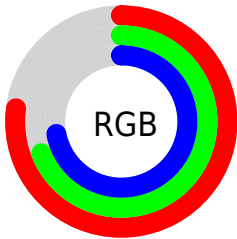
Format	Color
RYB	196, 175, 183
Decimal	12890039
CIELab	73.43, 8.93, -1.33
CIElCh	73, 9.027, 351.540
Yxy	45.8146, 0.3247, 0.3190
Android (android.graphics.Color)	4291080119 (0xFFC4AFB7)
YUV	182.1910, 0.3988, 12.1105
Hunter-Lab	67.6865, 4.5515, 2.5455

Details

The XYZ color **46.6422, 45.8146, 51.1845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4980, 52.2259, 55.2095**, and the grayscale version is **44.5627, 46.8834, 51.0560**.

A 20% lighter version of the original color is **84.6639, 84.2665, 93.4641**, and **22.2676, 21.5284, 24.1009** is the 20% darker color. If you saturate the color by 10%, you get **41.8919, 38.2486, 43.6358**, and if you desaturate by 10%, it is **52.0577, 54.5356, 59.4934**.

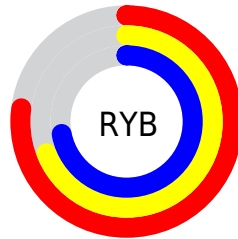
Distribution



Red (77%)

Green (69%)

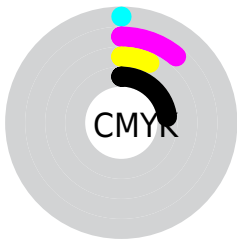
Blue (72%)



Red (77%)

Yellow (69%)

Blue (72%)

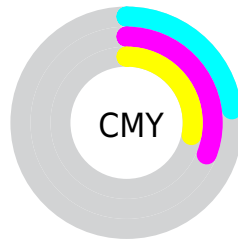


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6422, 45.8146, 51.1845 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 46.6422, 45.8146, 51.1845 by changing the saturation by 10% instead.

■ 46.6422, 45.8146,
51.1845

■ 46.6422, 45.8146,
51.1845

364.0573,
370.0628, 408.1472

■ 32.9597, 32.0995,
35.9777

■ 84.4013, 83.9415,
93.3417

■ 22.2546, 21.4375,
24.1274

109.2085,
109.1221, 121.1293

■ 14.1618, 13.4442,
15.2151

138.4547,
138.8933, 153.9474

■ 8.3157, 7.7351,
8.8222

172.5052,
173.6395, 192.2148

■ 4.3511, 3.9259,
4.5302

211.7254,
213.7452, 236.3500

■ 1.9026, 1.6322,
1.9205

256.4805,

■ 0.5784, 0.3792,

259.5947, 286.7714

0.5057

307.1361,
311.5725, 343.8976

■ 0.0000, 0.0000,
0.0000

■ 46.6422, 45.8146,
51.1845

■ 46.6422, 45.8146,
51.1845

■ 41.8919, 38.2486,
43.6358

■ 52.0577, 54.5356,
59.4934

■ 37.7765, 31.7830,
36.8220

■ 58.1595, 64.4511,
68.5810

■ 34.2689, 26.3677,
30.7207

■ 64.9725, 75.6065,
78.4685

■ 31.3387, 21.9464,
25.3070

■ 72.5192, 88.0428,
89.1758

■ 28.9524, 18.4574,
20.5544

■ 74.8056, 89.7681,
98.7164

■ 27.0732, 15.8322,
16.4347

■ 76.5753, 90.4759,
108.0354

■ 25.6592, 13.9925,
12.9168

■ 24.6613, 12.8457,
9.9664

■ 24.0232, 12.2391,
7.6896

Harmonies

Analogous

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



45.9853, 45.8146, 55.5349



46.6422, 45.8146, 51.1845



46.4536, 45.8146, 46.7360

Triad

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



46.6422, 45.8146, 51.1845



42.4318, 45.8146, 42.1700



41.6701, 45.8146, 57.0647

Complementary

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



46.6422, 45.8146, 51.1845



46.4980, 52.2259, 55.2095

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.



40.7612, 45.8146, 53.1709



46.6422, 45.8146, 51.1845



41.1934, 45.8146, 44.6307

Square

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



46.6422, 45.8146, 51.1845



43.9971, 45.8146, 41.7098



40.5888, 45.8146, 48.6063



43.0969, 45.8146, 59.0626

Rectangle

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



46.6422, 45.8146, 51.1845



45.8758, 45.8146, 44.2965



40.5888, 45.8146, 48.6063



41.2953, 45.8146, 55.9233

Sweetspot

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



46.6435, 45.8166, 51.1855



91.9046, 94.9145, 104.1357



46.0222, 45.3327, 58.5497



19.4956, 20.0319, 22.0215



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.



46.6435, 45.8166, 51.1855



82.2411, 79.3908, 89.1896



46.3156, 46.4553, 47.0855



10.2284, 10.1400, 11.2931



15.4748, 7.8797, 5.1461



0.7023, 0.3539, 0.3995

Inverse Universe

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



46.6435, 45.8166, 51.1855



82.2411, 79.3908, 89.1896



46.8363, 51.4844, 59.6942



10.2284, 10.1400, 11.2931



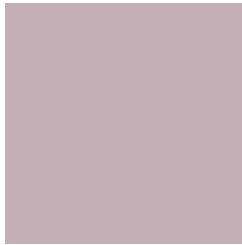
15.4748, 7.8797, 5.1461



0.7023, 0.3539, 0.3995

Previews

White Background



This preview shows how the XYZ color 46.6422, 45.8146, 51.1845 looks on a white background.

Color Contrast Check

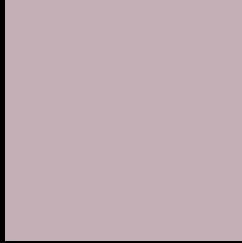
Large Text (above 18pt) WCAG AA × Fail

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 46.6422, 45.8146, 51.1845 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

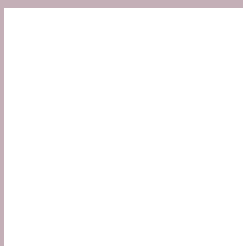
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.6422, 45.8146, 51.1845

Background



This preview shows how black text looks on a background with the XYZ color 46.6422, 45.8146, 51.1845.



This preview shows how white text looks on a background with the XYZ color 46.6422, 45.8146,

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

46.6422, 45.8146, 51.1845

Protanopia

44.2744, 45.7305, 52.9477

Deuteranopia

46.9032, 45.9492, 51.1968



Tritanopia

47.2391, 45.7733, 53.9223

Trichromacy



Original Color

46.6422, 45.8146, 51.1845

Protanomaly

45.1709, 45.9084, 52.3794

Deuteranomaly

46.9032, 45.9492, 51.1968

Tritanomaly

47.0249, 45.6876, 52.7945

Monochromacy



Original Color

46.6422, 45.8146, 51.1845

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.0571, 46.1824, 50.7953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6422, 45.8146, 51.1845 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(196, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 183)  
}
```

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(196, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 183) }
```

Border

The CSS property to change the border of an element to XYZ 46.6422, 45.8146, 51.1845 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(196, 175, 183) }
```


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

```
.border{ border-color:rgb(196, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6422, 45.8146, 51.1845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 183) }
```

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

```
.background{ background-color: rgb(196,  
175, 183) }
```

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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