

Converting Colors

XYZ(46.5805, 45.0653, 54.7242)

Have a look what the booklet for
XYZ(46.5805, 45.0653, 54.7242)
contains.

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Color

**XYZ(46.7435, 45.2069,
54.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	C3ADBE
RGB	195, 173, 190
RGB Percent	76%, 68%, 75%
CMY	0.2353, 0.3216, 0.2549
CMYK	0.00, 0.11, 0.03, 0.24
HSL	314°, 15%, 72%
HSV	314°, 11%, 76%
XYZ	46.7435, 45.2069, 54.9774
YIQ	181.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

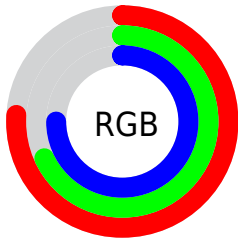
Format	Color
RYB	195, 173, 190
Decimal	12823998
CIELab	73.03, 10.93, -5.76
CIELCh	73, 12.353, 332.191
Yxy	45.2069, 0.3181, 0.3077
Android (android.graphics.Color)	4291014078 (0xFFC3ADBE)
YUV	181.5160, 4.1826, 11.8255
Hunter-Lab	67.2361, 6.4327, -1.4148

Details

The XYZ color **46.7435, 45.2069, 54.9774** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7863, 51.1300, 49.6304**, and the grayscale version is **44.1766, 46.4772, 50.6137**.

A 20% lighter version of the original color is **84.5228, 82.8361, 98.7229**, and **22.3372, 21.1436, 26.5707** is the 20% darker color. If you saturate the color by 10%, you get **42.7971, 38.0770, 51.3083**, and if you desaturate by 10%, it is **51.2530, 53.4381, 58.9080**.

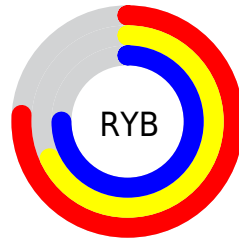
Distribution



Red (76%)

Green (68%)

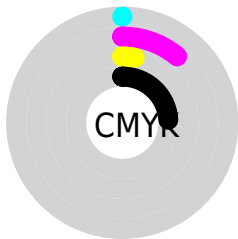
Blue (75%)



Red (76%)

Yellow (68%)

Blue (75%)

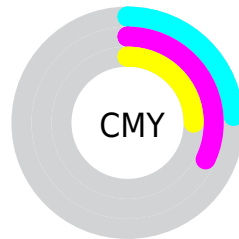


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (24%)



Cyan (24%)


Magenta (32%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7435, 45.2069, 54.9774 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 46.7435, 45.2069, 54.9774 by changing the saturation by 10% instead.


 46.7435, 45.2069,
54.9774

 46.7435, 45.2069,
54.9774


364.4558,
367.6109, 423.1058

 33.0400, 31.6204,
38.9851

 84.5517, 83.0308,
98.9787

 22.3165, 21.0717,
26.4404


109.3871,
108.0370, 127.8248

 14.2075, 13.1765,
16.9247


138.6639,
137.6186, 161.7925

 8.3478, 7.5502,
10.0194

172.7474,
172.1599, 201.3006

 4.3720, 3.8085,
5.3061

212.0030,
212.0455, 246.7674

 1.9147, 1.5670,
2.3661

256.7960,

 0.5853, 0.3352,

257.6595, 298.6115

0.7679

307.4918,
309.3865, 357.2514

■ 0.0000, 0.0000,
0.0000

■ 46.7435, 45.2069,
54.9774

■ 46.7435, 45.2069,
54.9774

■ 42.7971, 38.0770,
51.3083

■ 51.2530, 53.4381,
58.9080

■ 39.3862, 31.9954,
47.8893

■ 56.3439, 62.8089,
63.1051

■ 36.4866, 26.9135,
44.7121

■ 62.0385, 73.3631,
67.5774

■ 34.0710, 22.7764,
41.7670

■ 68.3568, 85.1405,
72.3322

■ 32.1093, 19.5242,
39.0433

■ 70.1703, 87.8840,
75.6606

■ 30.5677, 17.0899,
36.5291

■ 70.7379, 88.1110,
78.6494

■ 29.4080, 15.3970,
34.2110

■ 71.3209, 88.3442,
81.7197

■ 28.5844, 14.3544,
32.0729

■ 71.9196, 88.5837,
84.8722

■ 28.0657, 13.8261,
30.3301

■ 72.5340, 88.8295,
88.1074

Harmonies

Analogous

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



45.2165, 45.2069, 59.9800



46.7435, 45.2069, 54.9774



47.2490, 45.2069, 48.7697

Triad

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



46.7435, 45.2069, 54.9774



42.8094, 45.2069, 38.2770



39.5510, 45.2069, 55.8289

Complementary

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



46.7435, 45.2069, 54.9774



44.7863, 51.1300, 49.6304

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.



38.9534, 45.2069, 49.6784



46.7435, 45.2069, 54.9774



40.7949, 45.2069, 39.8351

Square

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



46.7435, 45.2069, 54.9774



44.9328, 45.2069, 39.4419



39.4011, 45.2069, 43.8841



41.0609, 45.2069, 60.4998

Rectangle

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



46.7435, 45.2069, 54.9774



46.9255, 45.2069, 44.8693



39.4011, 45.2069, 43.8841



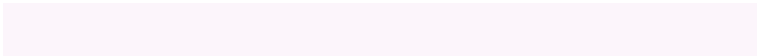
39.2391, 45.2069, 53.8489

Sweetspot

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



46.7448, 45.2089, 54.9784



90.2929, 92.9576, 104.2262



43.1023, 43.2669, 57.7101



19.6237, 20.0832, 22.6963



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.



46.7448, 45.2089, 54.9784



81.5409, 77.0174, 96.4880



45.6111, 44.7554, 49.0082



10.3962, 10.2071, 12.1767



18.2740, 8.9994, 19.8870



0.8142, 0.3987, 0.9889

Inverse Universe

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



46.7448, 45.2089, 54.9784



81.5409, 77.0174, 96.4880



45.9102, 51.5796, 55.5488



10.3962, 10.2071, 12.1767



18.2740, 8.9994, 19.8870



0.8142, 0.3987, 0.9889

Previews

White Background



This preview shows how the XYZ color 46.7435, 45.2069, 54.9774 looks on a white background.

Color Contrast Check

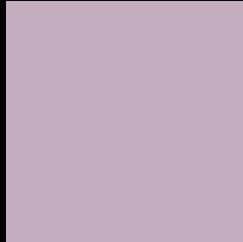
Large Text (above 18pt) WCAG AA × Fail

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 46.7435, 45.2069, 54.9774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

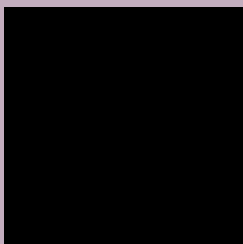
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

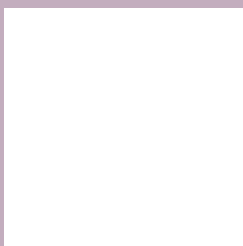
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7435, 45.2069, 54.9774

Background



This preview shows how black text looks on a background with the XYZ color 46.7435, 45.2069, 54.9774.



This preview shows how white text looks on a background with the XYZ color 46.7435, 45.2069,

54.9774.

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

46.7435, 45.2069, 54.9774

Protanopia

44.1364, 45.2748, 56.8647

Deuteranopia

46.1685, 45.1963, 55.0056



Tritanopia

46.4189, 45.0771, 53.2679

Trichromacy



Original Color

46.7435, 45.2069, 54.9774

Protanomaly

45.0473, 45.1707, 56.2137

Deuteranomaly

46.4226, 45.3273, 55.0175

Tritanomaly

46.5263, 45.1201, 53.8338

Monochromacy



Original Color

46.7435, 45.2069, 54.9774

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.3706, 46.3078, 52.4459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7435, 45.2069, 54.9774 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(195, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 173, 190)  
}
```

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(195, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 173, 190) }
```

Border

The CSS property to change the border of an element to XYZ 46.7435, 45.2069, 54.9774 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(195, 173, 190) }
```


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

```
.border{ border-color:rgb(195, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 173,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7435, 45.2069, 54.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 173, 190) }
```

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

```
.background{ background-color: rgb(195,  
173, 190) }
```

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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