

Converting Colors

XYZ(46.7354, 45.6060, 55.1964)

Have a look what the booklet for
XYZ(46.7354, 45.6060, 55.1964)
contains.

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Color

**XYZ(46.6784, 45.4591,
55.0295)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AEBE
RGB	194, 174, 190
RGB Percent	76%, 68%, 75%
CMY	0.2392, 0.3176, 0.2549
CMYK	0.00, 0.10, 0.02, 0.24
HSL	312°, 14%, 72%
HSV	312°, 10%, 76%
XYZ	46.6784, 45.4591, 55.0295
YIQ	181.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

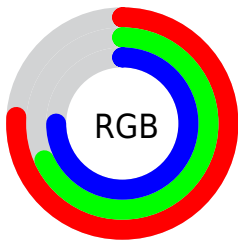
Format	Color
R_{YB}	194, 174, 190
Decimal	12758718
CIE Lab	73.19, 10.03, -5.53
CIE LCh	73, 11.453, 331.139
Yxy	45.4591, 0.3172, 0.3089
Android (android.graphics.Color)	4290948798 (0xFFC2AEBE)
YUV	181.8040, 4.0406, 10.6959
Hunter-Lab	67.4234, 5.5879, -1.1949

Details

The XYZ color **46.6784, 45.4591, 55.0295** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7849, 50.7977, 49.5663**, and the grayscale version is **44.3340, 46.6428, 50.7940**.

A 20% lighter version of the original color is **84.4375, 83.2017, 98.7980**, and **22.2901, 21.3007, 26.6035** is the 20% darker color. If you saturate the color by 10%, you get **42.7798, 38.3310, 51.6656**, and if you desaturate by 10%, it is **51.1323, 53.6783, 58.6353**.

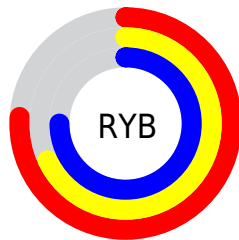
Distribution



Red (76%)

Green (68%)

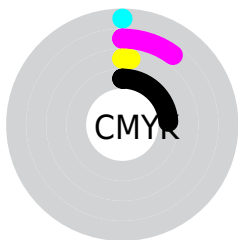
Blue (75%)



Red (76%)

Yellow (68%)

Blue (75%)

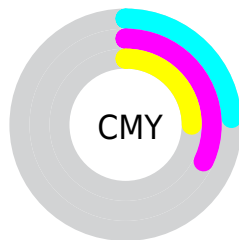


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6784, 45.4591, 55.0295 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 46.6784, 45.4591, 55.0295 by changing the saturation by 10% instead.

■ 46.6784, 45.4591,
55.0295

■ 46.6784, 45.4591,
55.0295

364.1998,
368.6298, 423.3088

■ 32.9884, 31.8192,
39.0266

■ 84.4550, 83.4089,
99.0558

■ 22.2767, 21.2234,
26.4724

109.2724,
108.4876, 127.9162

■ 14.1781, 13.2874,
16.9485

138.5295,
138.1480, 161.8995

■ 8.3272, 7.6268,
10.0362

172.5918,
172.7746, 201.4243

■ 4.3586, 3.8571,
5.3170

211.8246,
212.7516, 246.9091

■ 1.9069, 1.5939,
2.3725

256.5933,

■ 0.5809, 0.3535,

258.4636, 298.7724

0.7714

307.2632,
310.2948, 357.4328

■ 0.0000, 0.0000,
0.0000

■ 46.6784, 45.4591,
55.0295

■ 46.6784, 45.4591,
55.0295

■ 42.7798, 38.3310,
51.6656

■ 51.1323, 53.6783,
58.6353

■ 39.4093, 32.2418,
48.5325

■ 56.1592, 63.0260,
62.4877

■ 36.5433, 27.1440,
45.6224

■ 61.7811, 73.5454,
66.5951

■ 34.1550, 22.9839,
42.9260

■ 68.0176, 85.2755,
70.9642

■ 32.2150, 19.7028,
40.4330

■ 69.5671, 87.6129,
73.8284

■ 30.6906, 17.2354,
38.1320

■ 70.0548, 87.8080,
76.3965

■ 29.5444, 15.5073,
36.0102

■ 70.5542, 88.0078,
79.0266

■ 28.7323, 14.4303,
34.0524

■ 71.0656, 88.2123,
81.7193

■ 28.1813, 13.8426,
32.2833

■ 71.5889, 88.4217,
84.4750

Harmonies

Analogous

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



45.2353, 45.4591, 59.5791



46.6784, 45.4591, 55.0295



47.1844, 45.4591, 49.2777

Triad

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



46.6784, 45.4591, 55.0295



43.1308, 45.4591, 39.2432



39.9859, 45.4591, 55.4391

Complementary

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



46.6784, 45.4591, 55.0295



44.7849, 50.7977, 49.5663

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.



39.4606, 45.4591, 49.7174



46.6784, 45.4591, 55.0295



41.2413, 45.4591, 40.6222

Square

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



46.6784, 45.4591, 55.0295



45.0983, 45.4591, 40.4298



39.9131, 45.4591, 44.3488



41.3703, 45.4591, 59.8282

Rectangle

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



46.6784, 45.4591, 55.0295



46.9102, 45.4591, 45.6151



39.9131, 45.4591, 44.3488



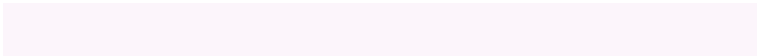
39.7050, 45.4591, 53.5936

Sweetspot

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



46.6797, 45.4611, 55.0305



90.3255, 92.9706, 104.3976



43.2356, 43.6344, 57.1831



19.6328, 20.0868, 22.7438



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.



46.6797, 45.4611, 55.0305



83.1654, 79.7829, 98.5197



45.6239, 45.0387, 49.4706



10.4082, 10.2119, 12.2399



18.5578, 9.1129, 21.3815



0.8243, 0.4027, 1.0423

Inverse Universe

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



46.6797, 45.4611, 55.0305



83.1654, 79.7829, 98.5197



45.8259, 51.2141, 55.0482



10.4082, 10.2119, 12.2399



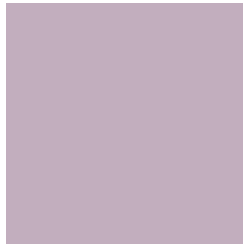
18.5578, 9.1129, 21.3815



0.8243, 0.4027, 1.0423

Previews

White Background



This preview shows how the XYZ color 46.6784, 45.4591, 55.0295 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 46.6784, 45.4591, 55.0295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

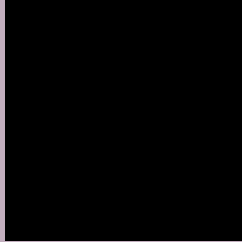
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6784, 45.4591, 55.0295

Background



This preview shows how black text looks on a background with the XYZ color 46.6784, 45.4591, 55.0295.



This preview shows how white text looks on a background with the XYZ color 46.6784, 45.4591,

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

46.6784, 45.4591, 55.0295

Protanopia

44.3361, 45.6742, 56.9313

Deuteranopia

46.6166, 45.7151, 55.0821



Tritanopia

46.4613, 45.3723, 53.8859

Trichromacy



Original Color

46.6784, 45.4591, 55.0295

Protanomaly

45.0037, 45.4404, 56.2681

Deuteranomaly

46.6166, 45.7151, 55.0821

Tritanomaly

46.5695, 45.4156, 54.4557

Monochromacy



Original Color

46.6784, 45.4591, 55.0295

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.1268, 46.1821, 52.4345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6784, 45.4591, 55.0295 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(194, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 174, 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(194, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 174, 190) }
```

Border

The CSS property to change the border of an element to XYZ 46.6784, 45.4591, 55.0295 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(194, 174, 190) }
```


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

```
.border{ border-color:rgb(194, 174, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 174, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 174, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 174, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 174,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6784, 45.4591, 55.0295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 174, 190) }
```

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

```
.background{ background-color: rgb(194,  
174, 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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