

Converting Colors

XYZ(46.6484, 45.5712, 54.7379)

Have a look what the booklet for
XYZ(46.6484, 45.5712, 54.7379)
contains.

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Color

**XYZ(46.5695, 45.4156,
54.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AEBD
RGB	194, 174, 189
RGB Percent	76%, 68%, 74%
CMY	0.2392, 0.3176, 0.2588
CMYK	0.00, 0.10, 0.03, 0.24
HSL	315°, 14%, 72%
HSV	315°, 10%, 76%
XYZ	46.5695, 45.4156, 54.4557
YIQ	181.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

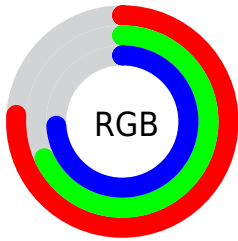
Format	Color
R_{YB}	194, 174, 189
Decimal	12758717
CIE _{Lab}	73.16, 9.85, -5.02
CIE _{LCh}	73, 11.053, 332.978
Yxy	45.4156, 0.3180, 0.3101
Android (android.graphics.Color)	4290948797 (0xFFC2AEBD)
YUV	181.6900, 3.6038, 10.7959
Hunter-Lab	67.3911, 5.4150, -0.7358

Details

The XYZ color **46.5695, 45.4156, 54.4557** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8858, 50.8381, 50.0973**, and the grayscale version is **44.2743, 46.5800, 50.7256**.

A 20% lighter version of the original color is **84.2844, 83.1404, 97.9916**, and **22.2187, 21.2721, 26.2274** is the 20% darker color. If you saturate the color by 10%, you get **42.5716, 38.2478, 50.5688**, and if you desaturate by 10%, it is **51.1290, 53.6770, 58.6178**.

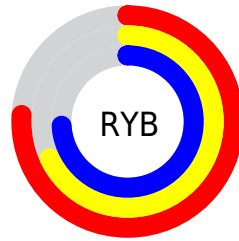
Distribution



Red (76%)

Green (68%)

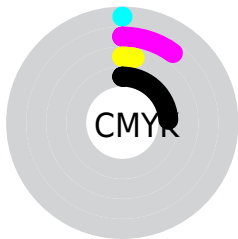
Blue (74%)



Red (76%)

Yellow (68%)

Blue (74%)

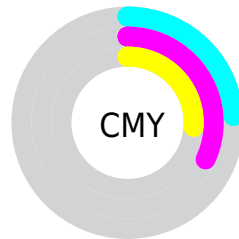


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5695, 45.4156, 54.4557 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 46.5695, 45.4156, 54.4557 by changing the saturation by 10% instead.

■ 46.5695, 45.4156,
54.4557

■ 46.5695, 45.4156,
54.4557

363.7712,
368.4542, 421.0690

■ 32.9020, 31.7849,
38.5705

■ 84.2933, 83.3437,
98.2061

■ 22.2102, 21.1973,
26.1205

109.0803,
108.4099, 126.9084

■ 14.1289, 13.2683,
16.6872

138.3046,
138.0568, 160.7201

■ 8.2927, 7.6135,
9.8521

172.3313,
172.6686, 200.0598

■ 4.3362, 3.8487,
5.1967

211.5260,
212.6299, 245.3460

■ 1.8940, 1.5893,
2.3024

256.2540,

■ 0.5734, 0.3504,

258.3250, 296.9972

0.7326

306.8806,
310.1383, 355.4321

■ 0.0000, 0.0000,
0.0000

■ 46.5695, 45.4156,
54.4557

■ 46.5695, 45.4156,
54.4557

■ 42.5716, 38.2478,
50.5688

■ 51.1290, 53.6770,
58.6178

■ 39.1080, 32.1213,
46.9456

■ 56.2680, 63.0696,
63.0602

■ 36.1551, 26.9887,
43.5778

■ 62.0084, 73.6365,
67.7916

■ 33.6860, 22.7963,
40.4556

■ 68.3700, 85.4166,
72.8194

■ 31.6711, 19.4852,
37.5683

■ 70.0511, 87.8066,
76.3773

■ 30.0776, 16.9902,
34.9041

■ 70.6773, 88.0570,
79.6743

■ 28.8682, 15.2369,
32.4496

■ 71.3220, 88.3149,
83.0693

■ 27.9987, 14.1369,
30.1891

■ 71.9854, 88.5803,
86.5630

■ 27.3973, 13.5290,
28.1549

■ 72.6677, 88.8532,
90.1561

Harmonies

Analogous

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



45.2252, 45.4156, 58.9477



46.5695, 45.4156, 54.4557



46.9931, 45.4156, 48.8978

Triad

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



46.5695, 45.4156, 54.4557



42.9730, 45.4156, 39.5450



40.1168, 45.4156, 55.4856

Complementary

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



46.5695, 45.4156, 54.4557



44.8858, 50.8381, 50.0973

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.



39.5528, 45.4156, 50.0060



46.5695, 45.4156, 54.4557



41.1706, 45.4156, 41.0313

Square

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



46.5695, 45.4156, 54.4557



44.8804, 45.4156, 40.5440



39.9328, 45.4156, 44.7606



41.4962, 45.4156, 59.5728

Rectangle

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



46.5695, 45.4156, 54.4557



46.6864, 45.4156, 45.4020



39.9328, 45.4156, 44.7606



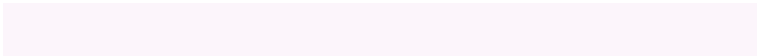
39.8275, 45.4156, 53.7315

Sweetspot

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



46.5708, 45.4176, 54.4567



90.2658, 92.9468, 104.0835



43.4660, 43.7532, 57.1939



19.6162, 20.0802, 22.6568



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.



46.5708, 45.4176, 54.4567



82.9332, 79.6900, 97.2970



45.5225, 44.9982, 48.9361



10.3862, 10.2031, 12.1242



18.0469, 8.9085, 18.6909



0.8060, 0.3954, 0.9457

Inverse Universe

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



46.5708, 45.4176, 54.4567



82.9332, 79.6900, 97.2970



45.9342, 51.2575, 55.6180



10.3862, 10.2031, 12.1242



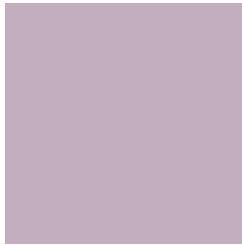
18.0469, 8.9085, 18.6909



0.8060, 0.3954, 0.9457

Previews

White Background



This preview shows how the XYZ color 46.5695, 45.4156, 54.4557 looks on a white background.

Color Contrast Check

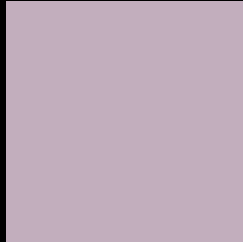
Large Text (above 18pt) WCAG AA × Fail

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 46.5695, 45.4156, 54.4557 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 46.5695, 45.4156, 54.4557

Background



This preview shows how black text looks on a background with the XYZ color 46.5695, 45.4156, 54.4557.



This preview shows how white text looks on a background with the XYZ color 46.5695, 45.4156,

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

46.5695, 45.4156, 54.4557

Protanopia

44.2249, 45.6297, 56.3457

Deuteranopia

46.3137, 45.2837, 54.4437



Tritanopia

46.4613, 45.3723, 53.8859

Trichromacy



Original Color

46.5695, 45.4156, 54.4557

Protanomaly

44.8933, 45.3962, 55.6864

Deuteranomaly

46.3137, 45.2837, 54.4437

Tritanomaly

46.4613, 45.3723, 53.8859

Monochromacy



Original Color

46.5695, 45.4156, 54.4557

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 46.5695, 45.4156, 54.4557 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(194, 174, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 46.5695, 45.4156, 54.4557 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, 189) }
```


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

```
.border{ border-color:rgb(194, 174, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(194, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5695, 45.4156, 54.4557 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, 189) }
```

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

```
.background{ background-color: rgb(194,  
174, 189) }
```

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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