

Converting Colors

XYZ(47.0210, 45.9362, 54.5324)

Have a look what the booklet for
XYZ(47.0210, 45.9362, 54.5324)
contains.

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Color

**XYZ(47.0210, 45.9362,
54.5324)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AFBD
RGB	195, 175, 189
RGB Percent	76%, 69%, 74%
CMY	0.2353, 0.3137, 0.2588
CMYK	0.00, 0.10, 0.03, 0.24
HSL	318°, 14%, 73%
HSV	318°, 10%, 76%
XYZ	47.0210, 45.9362, 54.5324
YIQ	182.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

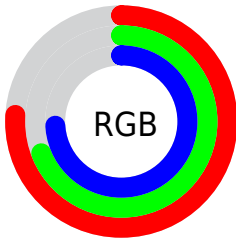
Format	Color
R _Y B	195, 175, 189
Decimal	12824509
CIE Lab	73.50, 9.65, -4.51
CIE LCh	74, 10.655, 334.953
Yxy	45.9362, 0.3188, 0.3115
Android (android.graphics.Color)	4291014589 (0xFFC3AFBD)
YUV	182.5760, 3.1670, 10.8958
Hunter-Lab	67.7762, 5.2292, -0.2610

Details

The XYZ color **47.0210, 45.9362, 54.5324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5366, 51.4817, 51.2556**, and the grayscale version is **44.7592, 47.0901, 51.2811**.

A 20% lighter version of the original color is **85.2022, 84.4398, 98.1941**, and **22.5114, 21.6062, 26.2765** is the 20% darker color. If you saturate the color by 10%, you get **42.8744, 38.6384, 50.0799**, and if you desaturate by 10%, it is **51.7440, 54.3444, 59.3046**.

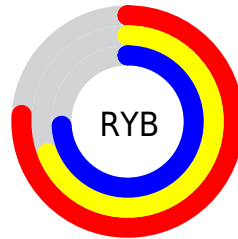
Distribution



Red (76%)

Green (69%)

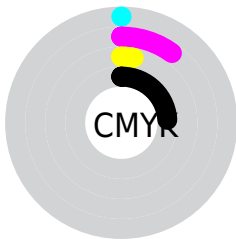
Blue (74%)



Red (76%)

Yellow (69%)

Blue (74%)

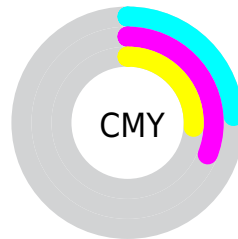


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0210, 45.9362, 54.5324 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 47.0210, 45.9362, 54.5324 by changing the saturation by 10% instead.

■ 47.0210, 45.9362,
54.5324

■ 47.0210, 45.9362,
54.5324

365.5459,
370.5521, 421.3689

■ 33.2603, 32.1955,
38.6314

■ 84.9635, 84.1235,
98.3198

■ 22.4861, 21.5109,
26.1675

109.8760,
109.3389, 127.0432

■ 14.3331, 13.4979,
16.7221

139.2365,
139.1479, 160.8779

■ 8.4360, 7.7723,
9.8767

173.4103,
173.9350, 200.2424

■ 4.4293, 3.9496,
5.2127

212.7628,
214.0846, 245.5552

■ 1.9478, 1.6454,
2.3117

257.6593,

■ 0.6044, 0.3879,

259.9811, 297.2348

0.7378

308.4652,
312.0088, 355.6999

■ 0.0000, 0.0000,
0.0000

■ 47.0210, 45.9362,
54.5324

■ 47.0210, 45.9362,
54.5324

■ 42.8744, 38.6384,
50.0799

■ 51.7440, 54.3444,
59.3046

■ 39.2764, 32.3981,
45.9347

■ 57.0616, 63.9010,
64.4023

■ 36.2031, 27.1670,
42.0878

■ 62.9962, 74.6497,
69.8350

■ 33.6271, 22.8908,
38.5287

■ 69.5679, 86.6301,
75.6107

■ 31.5182, 19.5100,
35.2456

■ 70.9546, 88.1977,
79.7903

■ 29.8432, 16.9583,
32.2260

■ 71.7352, 88.5100,
83.9012

■ 28.5641, 15.1604,
29.4556

■ 72.5432, 88.8332,
88.1560

■ 27.6359, 14.0269,
26.9177

■ 73.3788, 89.1674,
92.5561

■ 26.9848, 13.3938,
24.6385

■ 74.2422, 89.5128,
97.1029

Harmonies

Analogous

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



45.7664, 45.9362, 58.9979



47.0210, 45.9362, 54.5324



47.3651, 45.9362, 49.1276

Triad

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



47.0210, 45.9362, 54.5324



43.3494, 45.9362, 40.3888



40.7626, 45.9362, 56.1900

Complementary

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



47.0210, 45.9362, 54.5324



45.5366, 51.4817, 51.2556

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.



40.1552, 45.9362, 50.9165



47.0210, 45.9362, 54.5324



41.6211, 45.9362, 41.9966

Square

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



47.0210, 45.9362, 54.5324



45.2105, 45.9362, 41.2056



40.4650, 45.9362, 45.7575



42.1473, 45.9362, 60.0021

Rectangle

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



47.0210, 45.9362, 54.5324



47.0237, 45.9362, 45.7721



40.4650, 45.9362, 45.7575



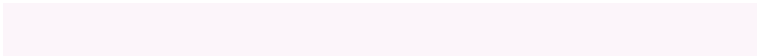
40.4626, 45.9362, 54.5160

Sweetspot

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



47.0223, 45.9382, 54.5334



90.2063, 92.9229, 103.7700



44.2383, 44.4261, 57.8740



19.5997, 20.0736, 22.5700



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.



47.0223, 45.9382, 54.5334



82.7029, 79.5979, 96.0844



45.9740, 45.5189, 49.0129



10.3644, 10.1944, 12.0093



17.5770, 8.7206, 16.2165



0.7887, 0.3885, 0.8547

Inverse Universe

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



47.0223, 45.9382, 54.5334



82.7029, 79.5979, 96.0844



46.5998, 51.9070, 56.8543



10.3644, 10.1944, 12.0093



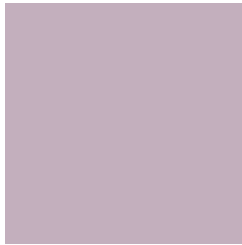
17.5770, 8.7206, 16.2165



0.7887, 0.3885, 0.8547

Previews

White Background



This preview shows how the XYZ color 47.0210, 45.9362, 54.5324 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 47.0210, 45.9362, 54.5324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

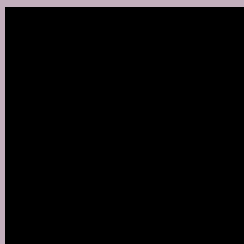
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0210, 45.9362, 54.5324

Background



This preview shows how black text looks on a background with the XYZ color 47.0210, 45.9362, 54.5324.



This preview shows how white text looks on a background with the XYZ color 47.0210, 45.9362,

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

47.0210, 45.9362, 54.5324

Protanopia

44.8917, 46.2720, 56.4345

Deuteranopia

46.7634, 45.8034, 54.5204



Tritanopia

47.0210, 45.9362, 54.5324

Trichromacy



Original Color

47.0210, 45.9362, 54.5324

Protanomaly

45.5741, 46.0415, 55.7751

Deuteranomaly

46.7634, 45.8034, 54.5204

Tritanomaly

47.0210, 45.9362, 54.5324

Monochromacy



Original Color

47.0210, 45.9362, 54.5324

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5717, 46.7101, 52.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0210, 45.9362, 54.5324 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, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 175, 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(195, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.0210, 45.9362, 54.5324 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, 175, 189) }
```


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

```
.border{ border-color:rgb(195, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0210, 45.9362, 54.5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 175, 189) }
```

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

```
.background{ background-color: rgb(195,  
175, 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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