

Converting Colors

XYZ(47.3174, 45.5038, 48.0386)

Have a look what the booklet for
XYZ(47.3174, 45.5038, 48.0386)
contains.

XYZ(47.3169, 45.3759, 47.8595)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.3169, 45.3759,
47.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	CBACB1
RGB	203, 172, 177
RGB Percent	80%, 67%, 69%
CMY	0.2039, 0.3255, 0.3059
CMYK	0.00, 0.15, 0.13, 0.20
HSL	350°, 23%, 74%
HSV	350°, 15%, 80%
XYZ	47.3169, 45.3759, 47.8595
YIQ	181.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

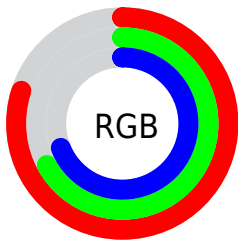
Format	Color
RYB	203, 172, 177
Decimal	13348017
CIELab	73.14, 12.06, 1.62
CIELCh	73, 12.164, 7.659
Yxy	45.3759, 0.3366, 0.3228
Android (android.graphics.Color)	4291538097 (0xFFCBACB1)
YUV	181.8390, -2.3856, 18.5582
Hunter-Lab	67.3616, 7.5011, 5.0284

Details

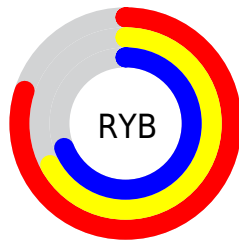
The XYZ color **47.3169, 45.3759, 47.8595** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5640, 55.5608, 61.5935**, and the grayscale version is **44.3830, 46.6944, 50.8502**.

A 20% lighter version of the original color is **83.4171, 82.0814, 88.5375**, and **22.7490, 21.2777, 21.9768** is the 20% darker color. If you saturate the color by 10%, you get **42.1520, 37.5945, 38.2803**, and if you desaturate by 10%, it is **53.2863, 54.4263, 58.7529**.

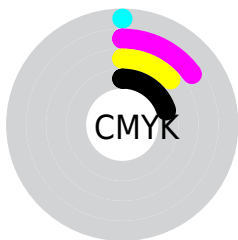
Distribution



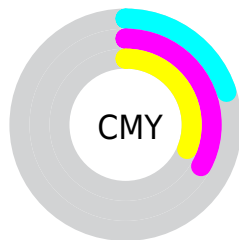
- Red (80%)
- Green (67%)
- Blue (69%)



- Red (80%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3169, 45.3759, 47.8595 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 47.3169, 45.3759, 47.8595 by changing the saturation by 10% instead.

 47.3169, 45.3759,
47.8595

 47.3169, 45.3759,
47.8595


366.7059,
368.2938, 394.7276

 33.4952, 31.7536,
33.3564


 85.4023, 83.2842,
88.3585

 22.6672, 21.1734,
22.1263


110.3968,
108.3390, 115.1916

 14.4673, 13.2508,
13.7505


139.8463,
137.9734, 146.9718

 8.5302, 7.6015,
7.8106

174.1161,
172.5719, 184.1175

 4.4907, 3.8410,
3.8880

213.5716,
212.5188, 227.0474

 1.9833, 1.5850,
1.5641

258.5782,

 0.6246, 0.3475,

258.1985, 276.1801

0.2650

309.5011,
309.9953, 331.9339

■ 0.0000, 0.0000,
0.0000

■ 47.3169, 45.3759,
47.8595

■ 47.3169, 45.3759,
47.8595

■ 42.1520, 37.5945,
38.2803

■ 53.2863, 54.4263,
58.7529

■ 37.7533, 31.0197,
29.9625

■ 60.0888, 64.7927,
71.0047

■ 34.0852, 25.5926,
22.8541

■ 67.7562, 76.5269,
84.6606

■ 31.1076, 21.2472,
16.8984

■ 76.3175, 89.6763,
99.7634

■ 28.7763, 17.9106,
12.0339

■ 78.4388, 91.4366,
108.1226

■ 27.0424, 15.5011,
8.1935

■ 25.8494, 13.9238,
5.3023

■ 25.1294, 13.0636,
3.2746

■ 24.8994, 12.8048,
2.5777

Harmonies

Analogous

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



47.0293, 45.3759, 54.0015



47.3169, 45.3759, 47.8595



46.4533, 45.3759, 42.5801

Triad

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



47.3169, 45.3759, 47.8595



40.6738, 45.3759, 40.6891



41.5900, 45.3759, 61.0713

Complementary

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



47.3169, 45.3759, 47.8595



48.5640, 55.5608, 61.5935

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.



39.9662, 45.3759, 56.9263



47.3169, 45.3759, 47.8595



39.4495, 45.3759, 45.0801

Square

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



47.3169, 45.3759, 47.8595



42.5848, 45.3759, 38.6680



39.1947, 45.3759, 50.9868



43.6767, 45.3759, 61.9694

Rectangle

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



47.3169, 45.3759, 47.8595



45.3571, 45.3759, 40.1430



39.1947, 45.3759, 50.9868



40.9740, 45.3759, 59.9959

Sweetspot

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



47.3182, 45.3779, 47.8605



89.4421, 91.4634, 98.7712



48.7782, 45.8021, 62.7701



18.9818, 19.3299, 20.8465



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.



47.3182, 45.3779, 47.8605



76.5243, 71.8937, 75.1478



48.8727, 49.2694, 45.9663



11.2849, 11.2427, 12.0346



15.8681, 8.1578, 1.7581



0.8424, 0.4303, 0.2157

Inverse Universe

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



47.3182, 45.3779, 47.8605



76.5243, 71.8937, 75.1478



46.7907, 51.0767, 63.8929



11.2849, 11.2427, 12.0346



15.8681, 8.1578, 1.7581



0.8424, 0.4303, 0.2157

Previews

White Background



This preview shows how the XYZ color 47.3169, 45.3759, 47.8595 looks on a white background.

Color Contrast Check

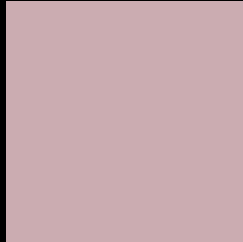
Large Text (above 18pt) WCAG AA × Fail

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 47.3169, 45.3759, 47.8595 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 47.3169, 45.3759, 47.8595

Background



This preview shows how black text looks on a background with the XYZ color 47.3169, 45.3759, 47.8595.



This preview shows how white text looks on a background with the XYZ color 47.3169, 45.3759,

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

47.3169, 45.3759, 47.8595

Protanopia

43.7520, 45.5215, 50.1966

Deuteranopia

46.3606, 45.4522, 47.9247



Tritanopia

48.1165, 45.4239, 51.5791

Trichromacy



Original Color

47.3169, 45.3759, 47.8595

Protanomaly

44.9988, 45.2931, 49.5508

Deuteranomaly

46.6988, 45.3408, 47.8853

Tritanomaly

47.8052, 45.2994, 49.9401

Monochromacy



Original Color

47.3169, 45.3759, 47.8595

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.3938, 46.0832, 49.6825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3169, 45.3759, 47.8595 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(203, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 177)  
}
```

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(203, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.3169, 45.3759, 47.8595 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(203, 172, 177) }
```


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

```
.border{ border-color:rgb(203, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3169, 45.3759, 47.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 177) }
```

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

```
.background{ background-color: rgb(203,  
172, 177) }
```

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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