

Converting Colors

XYZ(47.3621, 46.0445, 49.5998)

Have a look what the booklet for
XYZ(47.3621, 46.0445, 49.5998)
contains.

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Color

**XYZ(47.1937, 45.8468,
49.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AEB4
RGB	200, 174, 180
RGB Percent	78%, 68%, 71%
CMY	0.2157, 0.3176, 0.2941
CMYK	0.00, 0.13, 0.10, 0.22
HSL	346°, 19%, 73%
HSV	346°, 13%, 78%
XYZ	47.1937, 45.8468, 49.5419
YIQ	182.4580, 13.5700, 7.3780

Conversions

Conversions Part 2

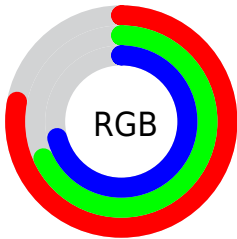
Format	Color
R _Y B	200, 174, 180
Decimal	13151924
CIE Lab	73.45, 10.39, 0.39
CIE LCh	73, 10.394, 2.149
Yxy	45.8468, 0.3310, 0.3215
Android (android.graphics.Color)	4291342004 (0xFFC8AEB4)
YUV	182.4580, -1.2118, 15.3843
Hunter-Lab	67.7103, 5.9206, 4.0162

Details

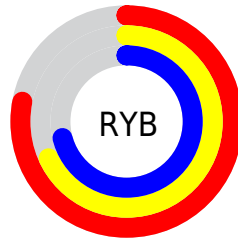
The XYZ color **47.1937, 45.8468, 49.5419** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8493, 54.2035, 58.9821**, and the grayscale version is **44.7155, 47.0442, 51.2311**.

A 20% lighter version of the original color is **84.6771, 83.9098, 91.0901**, and **22.6444, 21.5624, 23.0471** is the 20% darker color. If you saturate the color by 10%, you get **42.1325, 38.0949, 40.5459**, and if you desaturate by 10%, it is **53.0068, 54.8230, 59.6482**.

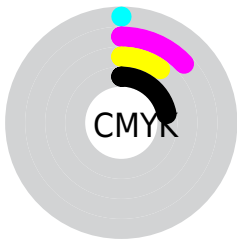
Distribution



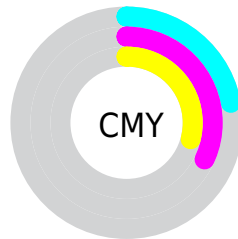
- Red (78%)
- Green (68%)
- Blue (71%)



- Red (78%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (22%)





- Cyan (22%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1937, 45.8468, 49.5419 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 47.1937, 45.8468, 49.5419 by changing the saturation by 10% instead.

 47.1937, 45.8468,
49.5419

 47.1937, 45.8468,
49.5419


366.2232,
370.1924, 401.5554

 33.3974, 32.1249,
34.6809


 85.2197, 83.9897,
90.8851

 22.5917, 21.4570,
23.1356

110.1800,
109.1795, 118.2043

 14.4114, 13.4584,
14.4874

139.5925,
138.9607, 150.5134

 8.4909, 7.7450,
8.3178

173.8224,
173.7178, 188.2309

 4.4651, 3.9322,
4.2083

213.2350,
213.8351, 231.7753

 1.9685, 1.6357,
1.7403

258.1958,

 0.6162, 0.3815,

259.6971, 281.5652

0.3881

309.0701,
311.6880, 338.0190

■ 0.0000, 0.0000,
0.0000

■ 47.1937, 45.8468,
49.5419

■ 47.1937, 45.8468,
49.5419

■ 42.1325, 38.0949,
40.5459

■ 53.0068, 54.8230,
59.6482

■ 37.7884, 31.5082,
32.6190

■ 59.5972, 65.0671,
70.8983

■ 34.1294, 26.0319,
25.7218

■ 66.9936, 76.6280,
83.3277

■ 31.1198, 21.6045,
19.8111

■ 75.2224, 89.5502,
96.9698

■ 28.7203, 18.1583,
14.8407

■ 77.6297, 91.0195,
108.0847

■ 26.8872, 15.6175,
10.7605

■ 25.5711, 13.8955,
7.5154

■ 24.7129, 12.8881,
5.0437

■ 24.3154, 12.4778,
3.7253

Harmonies

Analogous

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



46.7670, 45.8468, 54.7850



47.1937, 45.8468, 49.5419



46.6287, 45.8468, 44.7387

Triad

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



47.1937, 45.8468, 49.5419



41.7274, 45.8468, 41.8517



41.9501, 45.8468, 59.3862

Complementary

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



47.1937, 45.8468, 49.5419



47.8493, 54.2035, 58.9821

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.



40.6596, 45.8468, 55.4853



47.1937, 45.8468, 49.5419



40.5335, 45.8468, 45.3507

Square

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



47.1937, 45.8468, 49.5419



43.4440, 45.8468, 40.4969



40.1481, 45.8468, 50.2988



43.7083, 45.8468, 60.7006

Rectangle

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



47.1937, 45.8468, 49.5419



45.7746, 45.8468, 42.3660



40.1481, 45.8468, 50.2988



41.4489, 45.8468, 58.3211

Sweetspot

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



47.1950, 45.8488, 49.5429



90.6440, 93.1687, 101.3252



47.7939, 45.9049, 60.9856



19.2295, 19.6756, 21.3907



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.



47.1950, 45.8488, 49.5429



78.7390, 74.8152, 80.5354



47.9712, 48.3579, 46.8526



10.7324, 10.6764, 11.5743



15.4894, 7.9453, 2.5209



0.7622, 0.3877, 0.2711

Inverse Universe

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



47.1950, 45.8488, 49.5429



78.7390, 74.8152, 80.5354



46.9672, 51.3397, 62.0782



10.7324, 10.6764, 11.5743



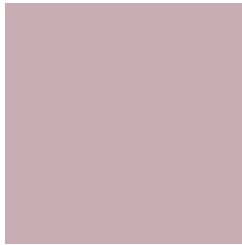
15.4894, 7.9453, 2.5209



0.7622, 0.3877, 0.2711

Previews

White Background



This preview shows how the XYZ color 47.1937, 45.8468, 49.5419 looks on a white background.

Color Contrast Check

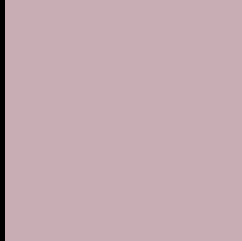
Large Text (above 18pt) WCAG AA × Fail

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 47.1937, 45.8468, 49.5419 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 47.1937, 45.8468, 49.5419

Background



This preview shows how black text looks on a background with the XYZ color 47.1937, 45.8468, 49.5419.



This preview shows how white text looks on a background with the XYZ color 47.1937, 45.8468,

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

47.1937, 45.8468, 49.5419

Protanopia

44.3969, 46.1287, 51.3635

Deuteranopia

46.8569, 45.9610, 49.5818



Tritanopia

47.8939, 45.8498, 52.7800

Trichromacy



Original Color

47.1937, 45.8468, 49.5419

Protanomaly

45.3502, 46.0370, 50.7518

Deuteranomaly

47.1214, 46.0973, 49.5941

Tritanomaly

47.6827, 45.7653, 51.6678

Monochromacy



Original Color

47.1937, 45.8468, 49.5419

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.4469, 46.3952, 50.2759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1937, 45.8468, 49.5419 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(200, 174, 180) looks like.

```
.text, #text, p{  
    color:rgb(200, 174, 180)  
}
```

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(200, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 174, 180) }
```

Border

The CSS property to change the border of an element to XYZ 47.1937, 45.8468, 49.5419 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(200, 174, 180) }
```


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

```
.border{ border-color:rgb(200, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(200, 174,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1937, 45.8468, 49.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 174, 180) }
```

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

```
.background{ background-color: rgb(200,  
174, 180) }
```

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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