

Converting Colors

XYZ(46.9469, 43.1716, 48.7691)

Have a look what the booklet for
XYZ(46.9469, 43.1716, 48.7691)
contains.

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Color

**XYZ(47.0454, 43.2868,
48.5234)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA5B3
RGB	206, 165, 179
RGB Percent	81%, 65%, 70%
CMY	0.1922, 0.3529, 0.2980
CMYK	0.00, 0.20, 0.13, 0.19
HSL	340°, 29%, 73%
HSV	340°, 20%, 81%
XYZ	47.0454, 43.2868, 48.5234
YIQ	178.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

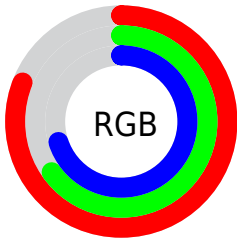
Format	Color
R _Y B	206, 165, 179
Decimal	13542835
CIE Lab	71.75, 17.29, -1.47
CIE LCh	72, 17.348, 355.125
Yxy	43.2868, 0.3388, 0.3117
Android (android.graphics.Color)	4291732915 (0xFFCEA5B3)
YUV	178.8550, 0.0715, 23.8062
Hunter-Lab	65.7927, 12.5001, 2.3274

Details

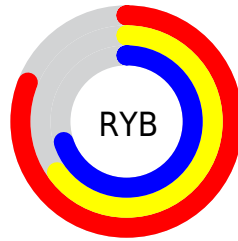
The XYZ color **47.0454, 43.2868, 48.5234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1045, 55.9488, 58.1885**, and the grayscale version is **42.7638, 44.9908, 48.9950**.

A 20% lighter version of the original color is **81.8286, 78.4446, 89.4257**, and **22.4335, 19.8959, 22.3966** is the 20% darker color. If you saturate the color by 10%, you get **42.3196, 35.9238, 40.5082**, and if you desaturate by 10%, it is **52.5072, 51.9046, 57.4511**.

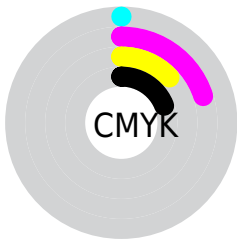
Distribution



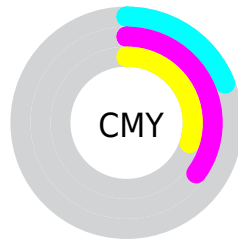
- Red (81%)
- Green (65%)
- Blue (70%)



- Red (81%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0454, 43.2868, 48.5234 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 47.0454, 43.2868, 48.5234 by changing the saturation by 10% instead.


 47.0454, 43.2868,
48.5234


 47.0454, 43.2868,
48.5234


365.6416,
359.7899, 397.4314

 33.2796, 30.1102,
33.8786


 84.9997, 80.1435,
89.3568

 22.5010, 19.9223,
22.5238


 109.9190,
104.5923, 116.3826

 14.3442, 12.3385,
14.0403


139.2868,
133.5674, 148.3724

 8.4437, 6.9747,
8.0096

173.4685,
167.4531, 185.7448

 4.4343, 3.4463,
4.0132

212.8295,
206.6338, 228.9184

 1.9507, 1.3689,
1.6326

257.7351,

 0.6060, 0.1936,

251.4939, 278.3116

0.3139

308.5507,
302.4178, 334.3431

■ 0.0000, 0.0000,
0.0000

■ 47.0454, 43.2868,
48.5234

■ 47.0454, 43.2868,
48.5234

■ 42.3196, 35.9238,
40.5082

■ 52.5072, 51.9046,
57.4511

■ 38.2936, 29.7510,
33.3728

■ 58.7316, 61.8262,
67.3170

■ 34.9336, 24.7069,
27.0863

■ 65.7486, 73.1052,
78.1492

■ 32.2015, 20.7220,
21.6150

■ 73.5852, 85.7903,
89.9739

■ 30.0550, 17.7190,
16.9227

■ 77.9771, 91.3472,
101.3858

■ 28.4464, 15.6102,
12.9697

■ 79.2638, 91.8619,
108.1612

■ 27.3198, 14.2917,
9.7125

■ 26.5762, 13.5744,
7.0908

■ 26.5697, 13.5683,
7.0675

Harmonies

Analogous

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



45.9643, 43.2868, 57.0240



47.0454, 43.2868, 48.5234



46.4843, 43.2868, 40.5775

Triad

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



47.0454, 43.2868, 48.5234



38.7856, 43.2868, 33.9236



37.9898, 43.2868, 61.7242

Complementary

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



47.0454, 43.2868, 48.5234



47.1045, 55.9488, 58.1885

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.



36.2270, 43.2868, 54.3567



47.0454, 43.2868, 48.5234



36.6708, 43.2868, 38.4557

Square

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



47.0454, 43.2868, 48.5234



41.6258, 43.2868, 32.7524



35.7558, 43.2868, 45.7674



40.6635, 43.2868, 65.2031

Rectangle

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



47.0454, 43.2868, 48.5234



45.2679, 43.2868, 36.5506



35.7558, 43.2868, 45.7674



37.2762, 43.2868, 59.5806

Sweetspot

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



47.0466, 43.2887, 48.5243



88.7816, 89.9916, 99.0157



46.2470, 42.5295, 64.1645



18.8629, 19.0390, 20.9705



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.



47.0466, 43.2887, 48.5243



72.7137, 64.6452, 72.7292



46.8379, 45.0229, 41.8214



11.3677, 11.2758, 12.4712



16.4018, 8.3713, 4.5685



0.8816, 0.4460, 0.4224

Inverse Universe

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



47.0466, 43.2887, 48.5243



72.7137, 64.6452, 72.7292



47.2786, 53.6959, 66.2654



11.3677, 11.2758, 12.4712



16.4018, 8.3713, 4.5685



0.8816, 0.4460, 0.4224

Previews

White Background



This preview shows how the XYZ color 47.0454, 43.2868, 48.5234 looks on a white background.

Color Contrast Check

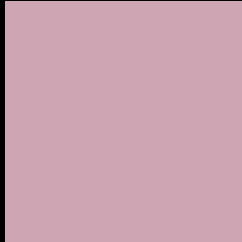
Large Text (above 18pt) WCAG AA × Fail

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 47.0454, 43.2868, 48.5234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

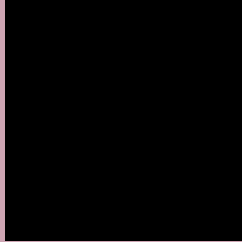
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0454, 43.2868, 48.5234

Background



This preview shows how black text looks on a background with the XYZ color 47.0454, 43.2868, 48.5234.



This preview shows how white text looks on a background with the XYZ color 47.0454, 43.2868,

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

47.0454, 43.2868, 48.5234

Protanopia

42.2184, 43.5098, 52.0720

Deuteranopia

44.3370, 43.5466, 48.1880



Tritanopia

46.9446, 43.2464, 47.9926

Trichromacy



Original Color

47.0454, 43.2868, 48.5234

Protanomaly

43.8492, 43.2361, 50.8340

Deuteranomaly

45.2498, 43.4606, 48.1233

Tritanomaly

46.9446, 43.2464, 47.9926

Monochromacy



Original Color

47.0454, 43.2868, 48.5234

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.2590, 44.3456, 48.8747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0454, 43.2868, 48.5234 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(206, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(206, 165, 179)  
}
```

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(206, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 165, 179) }
```

Border

The CSS property to change the border of an element to XYZ 47.0454, 43.2868, 48.5234 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(206, 165, 179) }
```


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

```
.border{ border-color:rgb(206, 165, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(206, 165,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0454, 43.2868, 48.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 165, 179) }
```

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

```
.background{ background-color: rgb(206,  
165, 179) }
```

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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