

Converting Colors

XYZ(48.9168, 47.9797, 46.2180)

Have a look what the booklet for
XYZ(48.9168, 47.9797, 46.2180)
contains.

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Color

**XYZ(48.9168, 47.9797,
46.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB2AD
RGB	206, 178, 173
RGB Percent	81%, 70%, 68%
CMY	0.1922, 0.3019, 0.3216
CMYK	0.00, 0.14, 0.16, 0.19
HSL	9°, 25%, 74%
HSV	9°, 16%, 81%
XYZ	48.9168, 47.9797, 46.2180
YIQ	185.8020, 18.2930, 4.3810

Conversions

Conversions Part 2

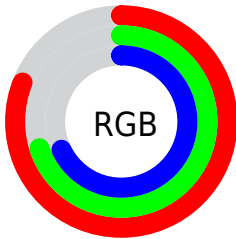
Format	Color
R_{YB}	206, 179, 173
Decimal	13546157
CIE _{Lab}	74.81, 9.26, 6.27
CIE _{LCh}	75, 11.180, 34.083
Yxy	47.9797, 0.3418, 0.3353
Android (android.graphics.Color)	4291736237 (0xFFCEB2AD)
YUV	185.8020, -6.3114, 17.7136
Hunter-Lab	69.2674, 4.8392, 8.9265

Details

The XYZ color **48.9168, 47.9797, 46.2180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2605, 55.1126, 66.4344**, and the grayscale version is **46.5894, 49.0157, 53.3781**.

A 20% lighter version of the original color is **84.6664, 85.7071, 85.4795**, and **23.5473, 22.6270, 21.2155** is the 20% darker color. If you saturate the color by 10%, you get **43.8168, 40.7273, 35.4301**, and if you desaturate by 10%, it is **54.7698, 56.2454, 58.7743**.

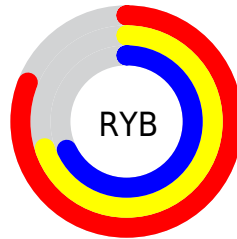
Distribution



Red (81%)

Green (70%)

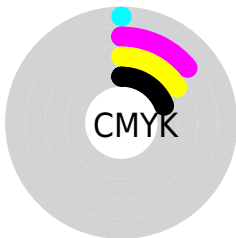
Blue (68%)



Red (81%)

Yellow (70%)

Blue (68%)

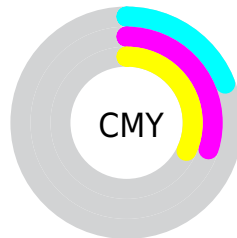


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (19%)



Cyan (19%)


Magenta (30%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9168, 47.9797, 46.2180 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 48.9168, 47.9797, 46.2180 by changing the saturation by 10% instead.


 48.9168, 47.9797,
46.2180

 48.9168, 47.9797,
46.2180


372.9371,
378.7117, 387.9874

 34.7677, 33.8108,
32.0680


 87.7693, 87.1742,
85.8829

 23.6497, 22.7483,
21.1482


113.2035,
112.9686, 112.2348

 15.1973, 14.4078,
13.0401


143.1302,
143.4069, 143.4911

 9.0452, 8.4048,
7.3251

177.9146,
178.8736, 180.0704

 4.8280, 4.3551,
3.5847

217.9221,
219.7530, 222.3911

 2.1804, 1.8741,
1.4004

263.5181,

 0.7324, 0.5327,

266.4296, 270.8718

0.1420

315.0680,
319.2876, 325.9311

0.0000, 0.0000,
0.0000

48.9168, 47.9797,
46.2180

48.9168, 47.9797,
46.2180

43.8168, 40.7273,
35.4301

54.7698, 56.2454,
58.7743

39.4353, 34.4429,
26.3282

61.4008, 65.5546,
73.1705

35.7408, 29.0874,
18.8277

68.8384, 75.9444,
89.4776

32.6979, 24.6164,
12.8356

77.0438, 87.4220,
107.4212

30.2682, 20.9819,
8.2491

79.2638, 91.8619,
108.1612

■ 28.4088, 18.1313,
4.9527

■ 27.0713, 16.0060,
2.8122

■ 26.1980, 14.5385,
1.6609

■ 25.9499, 14.1142,
1.3566

Harmonies

Analogous

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



49.6130, 47.9797, 51.4490



48.9168, 47.9797, 46.2180



47.3326, 47.9797, 42.8088

Triad

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



48.9168, 47.9797, 46.2180



42.1782, 47.9797, 47.5015



45.8820, 47.9797, 64.2183

Complementary

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



48.9168, 47.9797, 46.2180



49.2605, 55.1126, 66.4344

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.



43.9166, 47.9797, 62.9675



48.9168, 47.9797, 46.2180



41.8156, 47.9797, 53.0426

Square

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



48.9168, 47.9797, 46.2180



43.4484, 47.9797, 43.5104



42.4429, 47.9797, 58.7674



47.8283, 47.9797, 62.0694

Rectangle

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



48.9168, 47.9797, 46.2180



46.0073, 47.9797, 41.8822



42.4429, 47.9797, 58.7674



45.2016, 47.9797, 64.1825

Sweetspot

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



48.9181, 47.9819, 46.2190



89.7105, 92.4975, 97.3270



50.9462, 47.2290, 61.7206



19.0467, 19.5801, 20.4971



0.0000, 0.0000, 0.0000



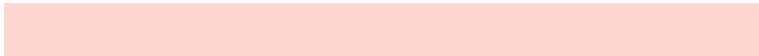
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.9181, 47.9819, 46.2190



76.4679, 73.7837, 68.9548



52.3890, 54.9237, 47.3760



11.3474, 11.4837, 11.6979



16.0240, 8.7809, 0.8503



0.8715, 0.5427, 0.0588

Inverse Universe

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



49.2605, 55.1126, 66.4344



77.1176, 87.3427, 107.4020



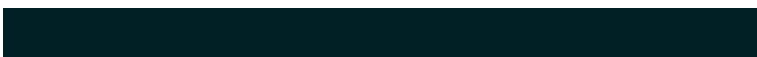
45.6297, 47.8511, 65.2242



11.3927, 12.4259, 14.3683



16.3286, 21.6812, 39.2806



0.8826, 1.1990, 2.0399

Previews

White Background



This preview shows how the XYZ color 48.9168, 47.9797, 46.2180 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 48.9168, 47.9797, 46.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

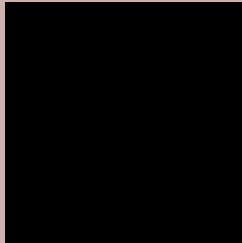
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9168, 47.9797, 46.2180

Background



This preview shows how black text looks on a background with the XYZ color 48.9168, 47.9797, 46.2180.



This preview shows how white text looks on a background with the XYZ color 48.9168, 47.9797,

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

48.9168, 47.9797, 46.2180

Protanopia

45.7562, 47.8204, 47.8929

Deuteranopia

48.9168, 47.9797, 46.2180



Tritanopia

50.7231, 48.1347, 54.7616

Trichromacy



Original Color

48.9168, 47.9797, 46.2180

Protanomaly

46.7674, 47.7450, 47.3082

Deuteranomaly

48.9168, 47.9797, 46.2180

Tritanomaly

50.0015, 48.1286, 51.4541

Monochromacy



Original Color

48.9168, 47.9797, 46.2180

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.2663, 48.5406, 50.5941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9168, 47.9797, 46.2180 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, 178, 173) looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 173)  
}
```

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, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.9168, 47.9797, 46.2180 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, 178, 173) }
```


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

```
.border{ border-color:rgb(206, 178, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9168, 47.9797, 46.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 173) }
```

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

```
.background{ background-color: rgb(206,  
178, 173) }
```

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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