

Converting Colors

XYZ(48.1112, 52.6781, 36.1845)

Have a look what the booklet for
XYZ(48.1112, 52.6781, 36.1845)
contains.

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Color

**XYZ(48.2698, 52.8956,
36.0996)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C295
RGB	199, 194, 149
RGB Percent	78%, 76%, 58%
CMY	0.2196, 0.2392, 0.4157
CMYK	0.00, 0.03, 0.25, 0.22
HSL	54°, 31%, 68%
HSV	54°, 25%, 78%
XYZ	48.2698, 52.8956, 36.0996
YIQ	190.3650, 17.4250, -12.9350

Conversions

Conversions Part 2

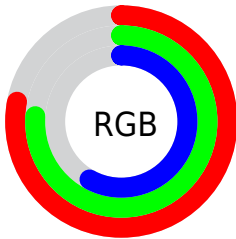
Format	Color
R _Y B	155, 199, 149
Decimal	13091477
CIE Lab	77.81, -5.45, 23.32
CIE LCh	78, 23.952, 103.155
Yxy	52.8956, 0.3517, 0.3854
Android (android.graphics.Color)	4291281557 (0xFFC7C295)
YUV	190.3650, -20.3929, 7.5729
Hunter-Lab	72.7294, -8.8076, 21.4817

Details

The XYZ color **48.2698, 52.8956, 36.0996** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.2588, 33.6236, 58.7174**, and the grayscale version is **49.2621, 51.8275, 56.4402**.

A 20% lighter version of the original color is **86.2051, 93.9430, 70.0892**, and **23.4065, 25.9513, 15.3307** is the 20% darker color. If you saturate the color by 10%, you get **46.3758, 51.4365, 28.2884**, and if you desaturate by 10%, it is **50.4439, 54.4799, 45.3448**.

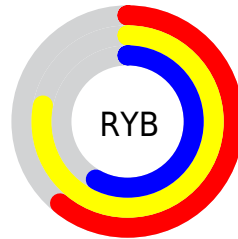
Distribution



Red (78%)

Green (76%)

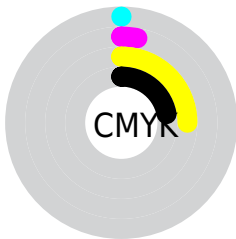
Blue (58%)



Red (61%)

Yellow (78%)

Blue (58%)

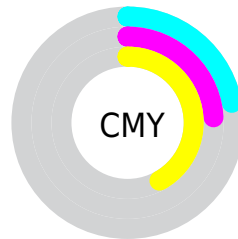


Cyan (0%)

Magenta (3%)

Yellow (25%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2698, 52.8956, 36.0996 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 48.2698, 52.8956, 36.0996 by changing the saturation by 10% instead.

■ 48.2698, 52.8956,
36.0996

■ 48.2698, 52.8956,
36.0996

370.4254,
397.8845, 344.4462

■ 34.2527, 37.7194,
24.2208

■ 86.8132, 94.4507,
70.3565

■ 23.2516, 25.7650,
15.2838

■ 112.0703,
121.5985, 93.5718

■ 14.9011, 16.6479,
8.8700

141.8048,
153.5055, 121.4029

■ 8.8359, 9.9838,
4.5608

176.3820,
190.5563, 154.2686

■ 4.6905, 5.3882,
1.9378

216.1673,
233.1352, 192.5871

■ 2.0997, 2.4768,
0.5166

261.5261,

■ 0.6891, 0.8650,

281.6266, 236.7773

0.0000

312.8236,
336.4149, 287.2574

■ 0.0000, 0.0000,
0.0000

■ 48.2698, 52.8956,
36.0996

■ 48.2698, 52.8956,
36.0996

■ 46.3758, 51.4365,
28.2884

■ 50.4439, 54.4799,
45.3448

■ 44.7441, 50.0900,
21.8351

■ 52.9070, 56.1874,
56.0882

■ 43.3610, 48.8522,
16.6618

■ 55.6723, 58.0254,
68.3941

■ 42.2099, 47.7167,
12.6814

■ 58.7513, 59.9984,
82.3221

■ 41.2721, 46.6758,
9.7956

■ 62.1546, 62.1108,
97.9286

■ 40.5261, 45.7208,
7.8908

■ 63.6588, 63.4732,
103.5041

■ 39.9454, 44.8413,
6.8285

■ 64.1403, 64.4361,
103.6646

■ 39.6971, 44.4298,
6.4835

■ 64.6279, 65.4113,
103.8271

■ 65.1215, 66.3986,
103.9917

Harmonies

Analogous

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



52.9093, 52.8956, 36.4129



48.2698, 52.8956, 36.0996



44.4094, 52.8956, 40.8728

Triad

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



48.2698, 52.8956, 36.0996



44.0359, 52.8956, 76.9267



59.3201, 52.8956, 65.3316

Complementary

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



48.2698, 52.8956, 36.0996



34.2588, 33.6236, 58.7174

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.



56.6371, 52.8956, 78.3486



48.2698, 52.8956, 36.0996



47.7309, 52.8956, 85.7170

Square

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



48.2698, 52.8956, 36.0996



42.0683, 52.8956, 63.6156



52.3364, 52.8956, 86.2742



59.4866, 52.8956, 51.9655

Rectangle

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



48.2698, 52.8956, 36.0996



42.7185, 52.8956, 46.7955



52.3364, 52.8956, 86.2742



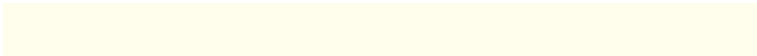
58.6754, 52.8956, 69.9385

Sweetspot

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



48.2712, 52.8980, 36.1007



91.2909, 97.4615, 92.2950



40.1339, 35.9708, 35.4004



19.3970, 20.7622, 19.1295



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.



48.2712, 52.8980, 36.1007



82.6962, 91.2345, 55.6346



44.4391, 52.6008, 36.2453



11.4299, 12.2289, 11.3207



25.5626, 28.6424, 4.1812



1.2372, 1.4099, 0.2069

Inverse Universe

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



34.2588, 33.6236, 58.7174



54.1141, 51.9224, 101.7776



37.4190, 34.0542, 58.6340



10.1405, 10.4551, 13.4011



6.8186, 3.0312, 34.9701



0.3526, 0.2030, 1.6657

Previews

White Background



This preview shows how the XYZ color 48.2698, 52.8956, 36.0996 looks on a white background.

Color Contrast Check

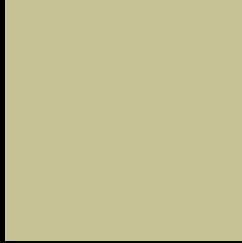
Large Text (above 18pt) WCAG AA × Fail

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 48.2698, 52.8956, 36.0996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

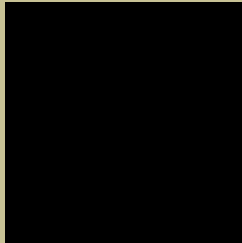
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2698, 52.8956, 36.0996

Background



This preview shows how black text looks on a background with the XYZ color 48.2698, 52.8956, 36.0996.



This preview shows how white text looks on a background with the XYZ color 48.2698, 52.8956,

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

48.2698, 52.8956, 36.0996

Protanopia

49.3718, 52.8165, 35.6094

Deuteranopia

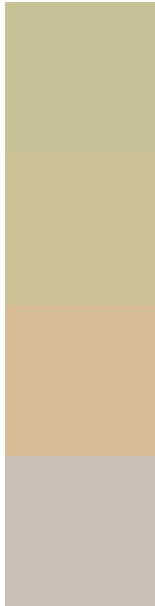
53.9862, 52.9398, 36.6512



Tritanopia

53.8846, 52.9267, 63.2530

Trichromacy



Original Color

48.2698, 52.8956, 36.0996

Protanomaly

49.0439, 52.9746, 35.6572

Deuteranomaly

51.8071, 52.7674, 36.3088

Tritanomaly

51.5893, 52.9423, 52.2996

Monochromacy



Original Color

48.2698, 52.8956, 36.0996

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3610, 51.6942, 47.9865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2698, 52.8956, 36.0996 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(199, 194, 149)` looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 149)  
}
```

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(199, 194, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 149) }
```

Border

The CSS property to change the border of an element to XYZ 48.2698, 52.8956, 36.0996 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(199, 194, 149) }
```


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

```
.border{ border-color:rgb(199, 194, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 149);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2698, 52.8956, 36.0996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 149) }
```

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

```
.background{ background-color: rgb(199,  
194, 149) }
```

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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