

Converting Colors

XYZ(50.9812, 52.3692, 35.0250)

Have a look what the booklet for
XYZ(50.9812, 52.3692, 35.0250)
contains.

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Color

**XYZ(50.9812, 52.3692,
35.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BC93
RGB	214, 188, 147
RGB Percent	84%, 74%, 58%
CMY	0.1608, 0.2627, 0.4235
CMYK	0.00, 0.12, 0.31, 0.16
HSL	37°, 45%, 71%
HSV	37°, 31%, 84%
XYZ	50.9812, 52.3692, 35.0250
YIQ	191.1000, 28.6570, -7.2390

Conversions

Conversions Part 2

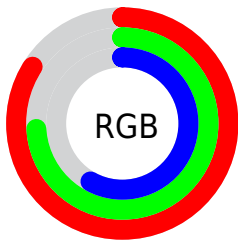
Format	Color
R _Y B	189, 214, 147
Decimal	14072979
CIE Lab	77.50, 3.23, 24.17
CIE LCh	78, 24.387, 82.392
Yxy	52.3692, 0.3684, 0.3785
Android (android.graphics.Color)	4292263059 (0xFFD6BC93)
YUV	191.1000, -21.7413, 20.0833
Hunter-Lab	72.3666, -0.8908, 21.9606

Details

The XYZ color **50.9812, 52.3692, 35.0250** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1133, 40.9438, 69.4597**, and the grayscale version is **49.6909, 52.2787, 56.9315**.

A 20% lighter version of the original color is **84.1333, 90.1784, 68.2302**, and **24.8758, 25.4416, 14.6659** is the 20% darker color. If you saturate the color by 10%, you get **47.7331, 48.3148, 26.4140**, and if you desaturate by 10%, it is **54.6465, 56.7574, 45.3174**.

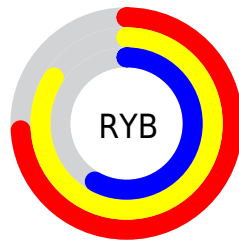
Distribution



Red (84%)

Green (74%)

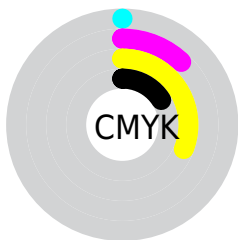
Blue (58%)



Red (74%)

Yellow (84%)

Blue (58%)

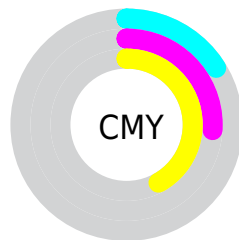


Cyan (0%)

Magenta (12%)

Yellow (31%)

Black (16%)



Cyan (16%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9812, 52.3692, 35.0250 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 50.9812, 52.3692, 35.0250 by changing the saturation by 10% instead.


 50.9812, 52.3692,
35.0250

 50.9812, 52.3692,
35.0250


380.8796,
395.8603, 339.5863

 36.4146, 37.2994,
23.3984


 90.8101, 93.6755,
68.6765

 24.9262, 25.4394,
14.6799


 116.8032,
120.6808, 91.5385

 16.1505, 16.4047,
8.4509


147.3358,
152.4335, 118.9828

 9.7222, 9.8110,
4.2929

182.7734,
189.3178, 151.4278

 5.2760, 5.2738,
1.7874

223.4812,
231.7183, 189.2921

 2.4465, 2.4088,
0.4196

269.8245,

 0.8684, 0.8304,

280.0193, 232.9942

0.0000

322.1689,
334.6051, 282.9528

■ 0.0000, 0.0000,
0.0000

■ 50.9812, 52.3692,
35.0250

■ 50.9812, 52.3692,
35.0250

■ 47.7331, 48.3148,
26.4140

■ 54.6465, 56.7574,
45.3174

■ 44.8790, 44.5768,
19.3893

■ 58.7426, 61.4821,
57.3727

■ 42.3996, 41.1465,
13.8509


■ 63.2874, 66.5548,
71.2713


■ 40.2718, 38.0116,
9.6862


■ 68.2965, 71.9842,
87.0875

■ 38.4693, 35.1589,
6.7664


■ 73.7846, 77.7788,
104.8912


 36.9612, 32.5729,
4.9375

 76.3045, 82.5621,
106.5221

 35.8440, 30.5210,
4.0020

 78.7756, 87.5042,
107.3458

 81.3595, 92.6721,
108.2071

 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



55.4956, 52.3692, 38.8793



50.9812, 52.3692, 35.0250



46.4119, 52.3692, 36.2852

Triad

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



50.9812, 52.3692, 35.0250



41.8796, 52.3692, 67.4582



57.2822, 52.3692, 74.3158

Complementary

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



50.9812, 52.3692, 35.0250



39.1133, 40.9438, 69.4597

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.



53.2975, 52.3692, 84.4503



50.9812, 52.3692, 35.0250



44.4624, 52.3692, 80.0767

Square

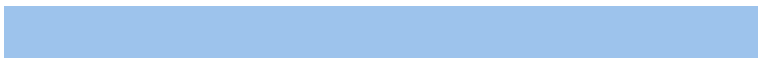
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.9812, 52.3692, 35.0250



41.3456, 52.3692, 53.6634



48.5887, 52.3692, 86.7095



59.2795, 52.3692, 60.5162

Rectangle

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



50.9812, 52.3692, 35.0250



43.9286, 52.3692, 39.9650



48.5887, 52.3692, 86.7095



56.1192, 52.3692, 78.3479

Sweetspot

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



50.9825, 52.3716, 35.0261



88.7975, 93.0588, 89.6632



45.7861, 38.2123, 44.9052



18.8012, 19.6869, 18.5724



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.



50.9825, 52.3716, 35.0261



72.3374, 73.5665, 42.7801



55.1292, 63.5084, 36.9572



13.0495, 13.6732, 13.1121



21.7691, 18.6554, 2.4535



1.3923, 1.2837, 0.1744

Inverse Universe

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



39.1133, 40.9438, 69.4597



51.8416, 53.8420, 102.2679



35.8412, 32.5637, 68.0147



12.1338, 12.7910, 15.7669



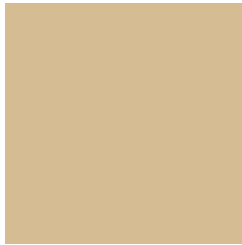
9.3014, 6.8646, 39.2879



0.6402, 0.5723, 2.3960

Previews

White Background



This preview shows how the XYZ color 50.9812, 52.3692, 35.0250 looks on a white background.

Color Contrast Check

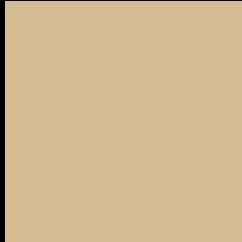
Large Text (above 18pt) WCAG AA × Fail

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 50.9812, 52.3692, 35.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

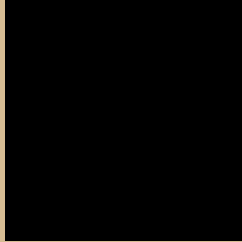
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9812, 52.3692, 35.0250

Background



This preview shows how black text looks on a background with the XYZ color 50.9812, 52.3692, 35.0250.



This preview shows how white text looks on a background with the XYZ color 50.9812, 52.3692,

35.0250.

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

50.9812, 52.3692, 35.0250

Protanopia

48.9575, 52.2689, 35.9423

Deuteranopia

53.5371, 52.4266, 35.3146



Tritanopia

56.0029, 52.2489, 59.3579

Trichromacy



Original Color

50.9812, 52.3692, 35.0250

Protanomaly

49.7712, 52.3749, 35.5031

Deuteranomaly

52.5131, 52.2082, 35.3264

Tritanomaly

54.0898, 52.4008, 49.3830

Monochromacy



Original Color

50.9812, 52.3692, 35.0250

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.7045, 52.0642, 47.9871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9812, 52.3692, 35.0250 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(214, 188, 147) looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 147)  
}
```

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(214, 188, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 147) }
```

Border

The CSS property to change the border of an element to XYZ 50.9812, 52.3692, 35.0250 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(214, 188, 147) }
```


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

```
.border{ border-color:rgb(214, 188, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 188, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 147);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9812, 52.3692, 35.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 147) }
```

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

```
.background{ background-color: rgb(214,  
188, 147) }
```

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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