

Converting Colors

XYZ(52.0292, 52.8881, 35.8924)

Have a look what the booklet for
XYZ(52.0292, 52.8881, 35.8924)
contains.

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Color

**XYZ(52.0233, 52.8881,
35.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BC95
RGB	217, 188, 149
RGB Percent	85%, 74%, 58%
CMY	0.1490, 0.2627, 0.4157
CMYK	0.00, 0.13, 0.31, 0.15
HSL	34°, 47%, 72%
HSV	34°, 31%, 85%
XYZ	52.0233, 52.8881, 35.9003
YIQ	192.2250, 29.8030, -5.9810

Conversions

Conversions Part 2

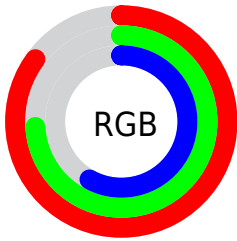
Format	Color
RYB	200, 217, 149
Decimal	14269589
CIELab	77.81, 4.65, 23.57
CIELCh	78, 24.025, 78.837
Yxy	52.8881, 0.3695, 0.3756
Android (android.graphics.Color)	4292459669 (0xFFD9BC95)
YUV	192.2250, -21.3099, 21.7277
Hunter-Lab	72.7242, 0.4227, 21.6384

Details

The XYZ color **52.0233, 52.8881, 35.9003** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.8388, 43.2388, 71.8392**, and the grayscale version is **50.3440, 52.9658, 57.6797**.

A 20% lighter version of the original color is **84.3702, 90.2732, 69.4776**, and **25.5665, 25.7869, 15.1851** is the 20% darker color. If you saturate the color by 10%, you get **48.5363, 48.4331, 26.9723**, and if you desaturate by 10%, it is **55.9626, 57.7306, 46.5728**.

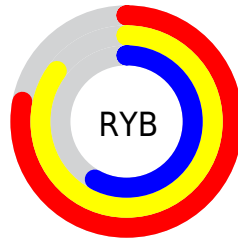
Distribution



Red (85%)

Green (74%)

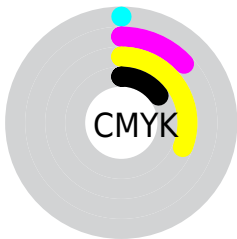
Blue (58%)



Red (78%)

Yellow (85%)

Blue (58%)

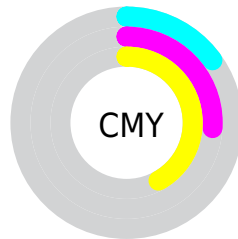


Cyan (0%)

Magenta (13%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0233, 52.8881, 35.9003 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 52.0233, 52.8881, 35.9003 by changing the saturation by 10% instead.


 52.0233, 52.8881,
35.9003


 52.0233, 52.8881,
35.9003


384.8490,
397.8557, 343.5488

 37.2480, 37.7134,
24.0681


 92.3396, 94.4397,
70.0455

 25.5741, 25.7604,
15.1715

 118.6114,
121.5854, 93.1955

 16.6363, 16.6445,
8.7919

149.4459,
153.4903, 120.9553

 10.0692, 9.9813,
4.5107

185.2087,
190.5387, 153.7433

 5.5075, 5.3866,
1.9095

226.2651,
233.1150, 191.9782

 2.5858, 2.4758,
0.4988

272.9803,

 0.9387, 0.8645,

281.6037, 236.0783

0.0000

325.7199,
336.3891, 286.4623

■ 0.0000, 0.0000,
0.0000

■ 52.0233, 52.8881,
35.9003

■ 52.0233, 52.8881,
35.9003

■ 48.5363, 48.4331,
26.9723

■ 55.9626, 57.7306,
46.5728

■ 45.4773, 44.3463,
19.6901

■ 60.3689, 62.9646,
59.0745

■ 42.8253, 40.6176,
13.9502

■ 65.2614, 68.6030,
73.4885

■ 40.5560, 37.2331,
9.6357

■ 70.6567, 74.6560,
89.8920

■ 38.6414, 34.1774,
6.6128

■ 76.1650, 80.9712,
106.2224

■ 37.0488, 31.4334,
4.7218

■ 78.8726, 86.3863,
107.1249

■ 35.8822, 29.2854,
3.7615

■ 81.7198, 92.0808,
108.0740

■ 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



56.4000, 52.8881, 40.3465



52.0233, 52.8881, 35.9003



47.4305, 52.8881, 36.5530

Triad

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



52.0233, 52.8881, 35.9003



42.2559, 52.8881, 66.2758



57.3207, 52.8881, 76.1823

Complementary

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



52.0233, 52.8881, 35.9003



40.8388, 43.2388, 71.8392

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.



53.2176, 52.8881, 85.4484



52.0233, 52.8881, 35.9003



44.5984, 52.8881, 79.1468

Square

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



52.0233, 52.8881, 35.9003



41.9801, 52.8881, 52.7596



48.5537, 52.8881, 86.6102



59.5819, 52.8881, 62.6985

Rectangle

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



52.0233, 52.8881, 35.9003



44.8561, 52.8881, 39.8207



48.5537, 52.8881, 86.6102



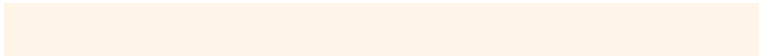
56.0998, 52.8881, 79.9772

Sweetspot

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



52.0247, 52.8905, 35.9014



88.5298, 92.5235, 89.5740



47.4459, 39.4803, 47.4859



18.7352, 19.5549, 18.5504



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.



52.0247, 52.8905, 35.9014



71.3863, 71.6643, 42.4630



57.5240, 65.8623, 38.1153



13.6730, 14.2854, 13.7623



21.8279, 17.9414, 2.3126



1.4989, 1.3319, 0.1781

Inverse Universe

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



40.8388, 43.2388, 71.8392



52.6900, 55.5388, 102.5507



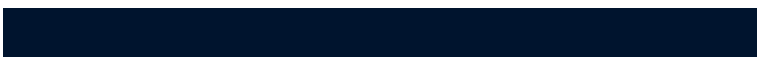
36.5102, 33.3297, 70.1547



12.7929, 13.5255, 16.5886



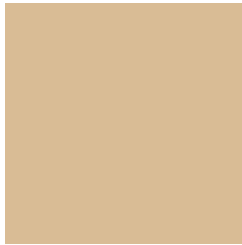
10.0262, 7.9219, 40.7390



0.7338, 0.6818, 2.6674

Previews

White Background



This preview shows how the XYZ color 52.0233, 52.8881, 35.9003 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 52.0233, 52.8881, 35.9003 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 52.0233, 52.8881, 35.9003

Background



This preview shows how black text looks on a background with the XYZ color 52.0233, 52.8881, 35.9003.



This preview shows how white text looks on a background with the XYZ color 52.0233, 52.8881,

35.9003.

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

52.0233, 52.8881, 35.9003

Protanopia

49.6124, 52.9128, 36.8765

Deuteranopia

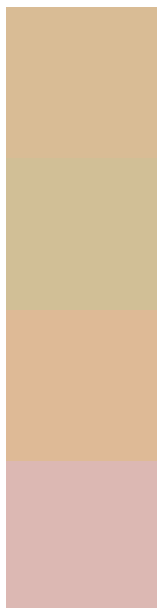
53.9053, 52.9075, 36.2252



Tritanopia

56.8160, 52.9710, 59.4545

Trichromacy



Original Color

52.0233, 52.8881, 35.9003

Protanomaly

50.4303, 53.0189, 36.4299

Deuteranomaly

53.1881, 52.8494, 36.2518

Tritanomaly

54.7924, 52.7513, 49.9420

Monochromacy



Original Color

52.0233, 52.8881, 35.9003

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5547, 52.8137, 48.6038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0233, 52.8881, 35.9003 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(217, 188, 149)` looks like.

```
.text, #text, p{  
    color:rgb(217, 188, 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(217, 188, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 188, 149) }
```

Border

The CSS property to change the border of an element to XYZ 52.0233, 52.8881, 35.9003 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(217, 188, 149) }
```


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

```
.border{ border-color:rgb(217, 188, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 188, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 188, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 188, 149);  
box-shadow:4px 4px 4px 4px rgb(217, 188,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0233, 52.8881, 35.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 188, 149) }
```

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

```
.background{ background-color: rgb(217,  
188, 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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