

Converting Colors

XYZ(52.2491, 58.8347, 30.6643)

Have a look what the booklet for
XYZ(52.2491, 58.8347, 30.6643)
contains.

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Color

**XYZ(52.3595, 58.9114,
30.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CD85
RGB	209, 205, 133
RGB Percent	82%, 80%, 52%
CMY	0.1804, 0.1961, 0.4784
CMYK	0.00, 0.02, 0.36, 0.18
HSL	57°, 45%, 67%
HSV	57°, 36%, 82%
XYZ	52.3595, 58.9114, 30.8017
YIQ	197.9880, 25.4960, -21.5440

Conversions

Conversions Part 2

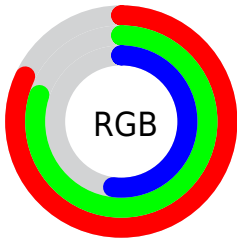
Format	Color
RYB	137, 209, 133
Decimal	13749637
CIELab	81.24, -9.27, 36.37
CIELCh	81, 37.532, 104.301
Yxy	58.9114, 0.3685, 0.4147
Android (android.graphics.Color)	4291939717 (0xFFD1CD85)
YUV	197.9880, -32.0391, 9.6575
Hunter-Lab	76.7538, -12.5508, 29.9342

Details

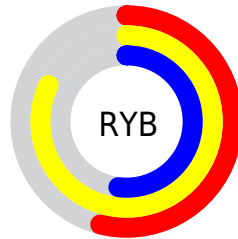
The XYZ color **52.3595, 58.9114, 30.8017** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1271, 27.4807, 64.0382**, and the grayscale version is **53.8482, 56.6525, 61.6946**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **25.7265, 29.5147, 12.3236** is the 20% darker color. If you saturate the color by 10%, you get **50.7956, 57.8689, 23.8517**, and if you desaturate by 10%, it is **54.2155, 60.0779, 39.2679**.

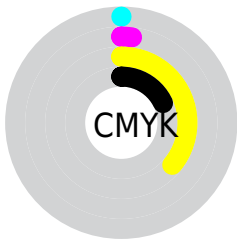
Distribution



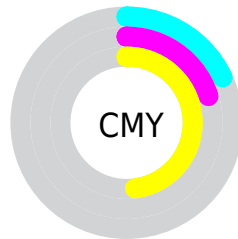
- Red (82%)
- Green (80%)
- Blue (52%)



- Red (54%)
- Yellow (82%)
- Blue (52%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3595, 58.9114, 30.8017 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 52.3595, 58.9114, 30.8017 by changing the saturation by 10% instead.

■ 52.3595, 58.9114,
30.8017

■ 52.3595, 58.9114,
30.8017

386.1241,
420.5735, 319.9466

■ 37.5171, 42.5418,
20.1907

■ 92.8323, 103.2489,
62.0036

■ 25.7836, 29.5258,
12.3483

■ 119.1934,
131.9856, 83.4317

■ 16.7937, 19.4789,
6.8559

■ 150.1249,
165.6134, 109.3024

■ 10.1819, 12.0168,
3.2951

185.9920,
204.5167, 140.0345

■ 5.5829, 6.7551,
1.2472

227.1601,
249.0800, 176.0464

■ 2.6314, 3.3094,
0.0179

273.9946,

■ 0.9620, 1.2953,

299.6877, 217.7567

0.0000

326.8608,
356.7240, 265.5839

■ 0.0000, 0.1376,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.3595, 58.9114,
30.8017

■ 52.3595, 58.9114,
30.8017

■ 50.7956, 57.8689,
23.8517

■ 54.2155, 60.0779,
39.2679

■ 49.5023, 56.9355,
18.3239


■ 56.3750, 61.3666,
49.3293


■ 48.4621, 56.1062,
14.1198


■ 58.8539, 62.7861,
61.0640


■ 47.6535, 55.3726,
11.1268


■ 61.6660, 64.3418,
74.5438


 47.0517, 54.7246,
9.2134


 64.8240, 66.0389,
89.8363


 46.6250, 54.1495,
8.2128

 67.7875, 67.6611,
104.0949

 46.4919, 53.9499,
7.9630

 68.0624, 68.2109,
104.1865

 68.3391, 68.7644,
104.2787

 68.6178, 69.3217,
104.3716

Harmonies

Analogous

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



60.1629, 58.9114, 30.9687



52.3595, 58.9114, 30.8017



46.1313, 58.9114, 37.9901

Triad

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



52.3595, 58.9114, 30.8017



45.9037, 58.9114, 99.1809



71.7582, 58.9114, 76.5207

Complementary

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



52.3595, 58.9114, 30.8017



30.1271, 27.4807, 64.0382

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.



67.1698, 58.9114, 100.1775



52.3595, 58.9114, 30.8017



52.0214, 58.9114, 115.1951

Square

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



52.3595, 58.9114, 30.8017



42.6462, 58.9114, 75.3850



59.7919, 58.9114, 115.5973



71.8703, 58.9114, 54.0809

Rectangle

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



52.3595, 58.9114, 30.8017



43.5039, 58.9114, 47.2189



59.7919, 58.9114, 115.5973



70.6703, 58.9114, 84.6968

Sweetspot

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



52.3610, 58.9141, 30.8029



90.3896, 97.3861, 86.6702



39.2748, 32.1680, 28.2099



19.2337, 20.7796, 18.0144



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.



52.3610, 58.9141, 30.8029



80.0900, 91.0516, 39.2608



44.9541, 56.5326, 30.7336



12.7480, 13.6867, 12.5819



28.6886, 33.3102, 4.9175



1.6207, 1.8958, 0.2805

Inverse Universe

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



30.1271, 27.4807, 64.0382



40.0428, 34.4412, 99.1451



35.6087, 29.4791, 64.1350



11.2128, 11.5159, 14.8755



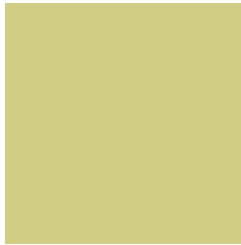
7.1919, 3.0304, 37.3984



0.4200, 0.2053, 2.0970

Previews

White Background



This preview shows how the XYZ color 52.3595, 58.9114, 30.8017 looks on a white background.

Color Contrast Check

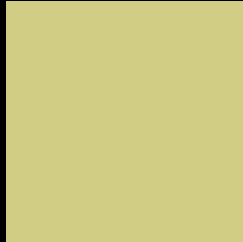
Large Text (above 18pt) WCAG AA × Fail

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 52.3595, 58.9114, 30.8017 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

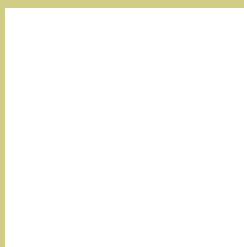
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3595, 58.9114, 30.8017

Background



This preview shows how black text looks on a background with the XYZ color 52.3595, 58.9114, 30.8017.



This preview shows how white text looks on a background with the XYZ color 52.3595, 58.9114,

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

52.3595, 58.9114, 30.8017

Protanopia

54.4988, 58.9671, 30.3392

Deuteranopia

60.1318, 58.7947, 31.4718



Tritanopia

60.1864, 58.6388, 69.7743

Trichromacy



Original Color

52.3595, 58.9114, 30.8017

Protanomaly

53.5451, 58.8249, 30.3620

Deuteranomaly

56.9726, 58.5048, 31.2114

Tritanomaly

56.9950, 58.7128, 53.1285

Monochromacy



Original Color

52.3595, 58.9114, 30.8017

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.8837, 57.3858, 48.3337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3595, 58.9114, 30.8017 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(209, 205, 133)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 133)  
}
```

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(209, 205, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 133) }
```

Border

The CSS property to change the border of an element to XYZ 52.3595, 58.9114, 30.8017 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(209, 205, 133) }
```


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

```
.border{ border-color:rgb(209, 205, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 133);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3595, 58.9114, 30.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 133) }
```

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

```
.background{ background-color: rgb(209,  
205, 133) }
```

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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