

Converting Colors

XYZ(51.1038, 54.0900, 33.3381)

Have a look what the booklet for
XYZ(51.1038, 54.0900, 33.3381)
contains.

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Color

**XYZ(51.1038, 54.0900,
33.3381)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D4C18E |
| RGB | 212, 193, 142 |
| RGB Percent | 83%, 76%, 56% |
| CMY | 0.1686, 0.2431, 0.4431 |
| CMYK | 0.00, 0.09, 0.33, 0.17 |
| HSL | 44°, 45%, 69% |
| HSV | 44°, 33%, 83% |
| XYZ | 51.1038, 54.0900, 33.3381 |
| YIQ | 192.8670, 27.6950, -11.8330 |

Conversions

Conversions Part 2

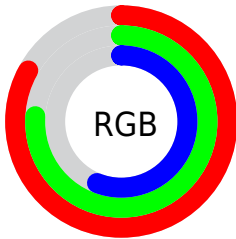
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 168, 212, 142 |
| Decimal | 13943182 |
| CIE Lab | 78.51, -0.81, 28.16 |
| CIE LCh | 79, 28.167, 91.654 |
| Yxy | 54.0900, 0.3689, 0.3905 |
| Android (android.graphics.Color) | 4292133262 (0xFFD4C18E) |
| YUV | 192.8670, -25.0774, 16.7796 |
| Hunter-Lab | 73.5459, -4.6736, 24.6062 |

Details

The XYZ color **51.1038, 54.0900, 33.3381** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.7835, 35.9928, 67.3486**, and the grayscale version is **50.7429, 53.3854, 58.1367**.

A 20% lighter version of the original color is **85.0795, 92.9969, 65.6906**, and **24.9767, 26.5794, 13.7115** is the 20% darker color. If you saturate the color by 10%, you get **48.4144, 51.0207, 25.3217**, and if you desaturate by 10%, it is **54.1482, 57.3843, 42.9675**.

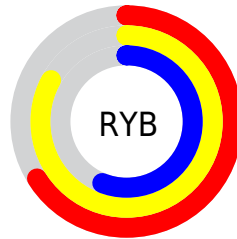
Distribution



Red (83%)

Green (76%)

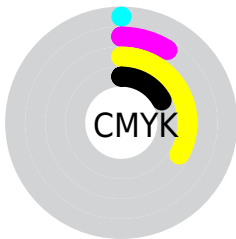
Blue (56%)



Red (66%)

Yellow (83%)

Blue (56%)

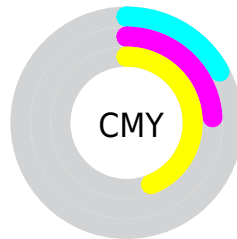


Cyan (0%)

Magenta (9%)

Yellow (33%)

Black (17%)



Cyan (17%)


Magenta (24%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1038, 54.0900, 33.3381 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 51.1038, 54.0900, 33.3381 by changing the saturation by 10% instead.

 51.1038, 54.0900,
33.3381


 51.1038, 54.0900,
33.3381


381.3480,
402.4531, 331.8491

 36.5126, 38.6736,
22.1123


 90.9903, 96.2064,
66.0251

 25.0023, 26.5059,
13.7404


 117.0162,
123.6752, 88.3234

 16.2075, 17.2025,
7.8036


147.5845,
155.9302, 115.1497

 9.7629, 10.3790,
3.8836

183.0605,
193.3559, 146.9225

 5.3031, 5.6509,
1.5617

223.8094,
236.3367, 184.0602

 2.4627, 2.6340,
0.2633

270.1968,

 0.8765, 0.9438,

285.2568, 226.9816

0.0000

322.5878,
340.5009, 276.1050

0.0000, 0.0000,
0.0000

51.1038, 54.0900,
33.3381

51.1038, 54.0900,
33.3381

48.4144, 51.0207,
25.3217

54.1482, 57.3843,
42.9675

46.0581, 48.1609,
18.8242

57.5598, 60.9037,
54.2903

44.0168, 45.5046,
13.7468

61.3554, 64.6575,
67.3855

42.2686, 43.0419,
9.9775

65.5492, 68.6523,
82.3260

40.7886, 40.7620,
7.3873

70.1549, 72.8945,
99.1808

■ 39.5467, 38.6519,
5.8208

■ 72.8134, 76.4412,
105.5247

■ 38.7851, 37.2646,
5.1486

■ 74.4181, 79.6505,
106.0596

■ 76.0759, 82.9661,
106.6122

■ 77.7873, 86.3889,
107.1826

Harmonies

Analogous

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



56.6421, 54.0900, 35.8981



51.1038, 54.0900, 33.3381



46.0154, 54.0900, 36.5354

Triad

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



51.1038, 54.0900, 33.3381



42.8573, 54.0900, 76.4196



61.3787, 54.0900, 74.6179

Complementary

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



51.1038, 54.0900, 33.3381



35.7835, 35.9928, 67.3486

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.



57.2126, 54.0900, 88.9044



51.1038, 54.0900, 33.3381



46.5122, 54.0900, 90.0692

Square

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



51.1038, 54.0900, 33.3381



41.4713, 54.0900, 59.7806



51.7193, 54.0900, 95.0006



62.8239, 54.0900, 58.0179

Rectangle

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



51.1038, 54.0900, 33.3381



43.4929, 54.0900, 41.9066



51.7193, 54.0900, 95.0006



60.2359, 54.0900, 79.9469

Sweetspot

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



51.1052, 54.0925, 33.3392



89.0449, 94.1294, 87.9709



43.3315, 35.9463, 38.7599



18.8891, 19.9773, 18.2481



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.



51.1052, 54.0925, 33.3392



74.5469, 78.6743, 41.3936



51.4085, 60.8879, 34.6349



13.1746, 13.9234, 13.1538



24.0310, 23.1793, 3.2075



1.5165, 1.5321, 0.2158

Inverse Universe

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



35.7835, 35.9928, 67.3486



47.6454, 46.9093, 101.1510



35.4943, 31.2850, 66.4552



12.0141, 12.5516, 15.7270



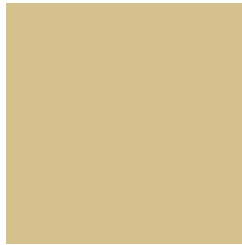
8.3275, 4.9169, 38.9633



0.5711, 0.4342, 2.3730

Previews

White Background



This preview shows how the XYZ color 51.1038, 54.0900, 33.3381 looks on a white background.

Color Contrast Check

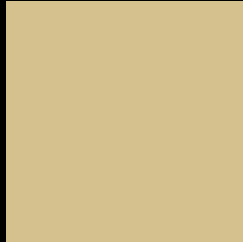
Large Text (above 18pt) WCAG AA × Fail

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 51.1038, 54.0900, 33.3381 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

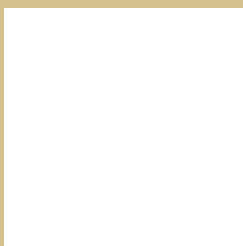
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1038, 54.0900, 33.3381

Background



This preview shows how black text looks on a background with the XYZ color 51.1038, 54.0900, 33.3381.



This preview shows how white text looks on a background with the XYZ color 51.1038, 54.0900,

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

51.1038, 54.0900, 33.3381

Protanopia

50.4688, 54.0919, 33.3720

Deuteranopia

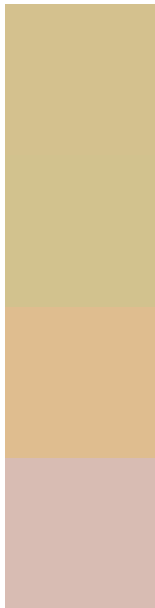
55.1500, 53.9240, 33.4883



Tritanopia

56.9877, 53.9281, 62.0492

Trichromacy



Original Color

51.1038, 54.0900, 33.3381

Protanomaly

50.7526, 54.2382, 33.3853

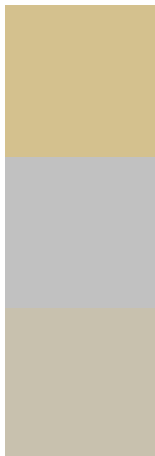
Deuteranomaly

53.5869, 54.0663, 33.5981

Tritanomaly

54.4388, 53.8200, 50.1669

Monochromacy



Original Color

51.1038, 54.0900, 33.3381

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.5294, 53.4753, 47.7030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1038, 54.0900, 33.3381 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(212, 193, 142)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 142)  
}
```

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(212, 193, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 142) }
```

Border

The CSS property to change the border of an element to XYZ 51.1038, 54.0900, 33.3381 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(212, 193, 142) }
```


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

```
.border{ border-color:rgb(212, 193, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 142);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1038, 54.0900, 33.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 142) }
```

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

```
.background{ background-color: rgb(212,  
193, 142) }
```

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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