

Converting Colors

XYZ(50.0788, 53.5124, 33.9958)

Have a look what the booklet for
XYZ(50.0788, 53.5124, 33.9958)
contains.

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Color

**XYZ(50.1164, 53.5634,
34.0829)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0C190 |
| RGB | 208, 193, 144 |
| RGB Percent | 82%, 76%, 56% |
| CMY | 0.1843, 0.2431, 0.4353 |
| CMYK | 0.00, 0.07, 0.31, 0.18 |
| HSL | 46°, 41%, 69% |
| HSV | 46°, 31%, 82% |
| XYZ | 50.1164, 53.5634, 34.0829 |
| YIQ | 191.8990, 24.6690, -12.0590 |

Conversions

Conversions Part 2

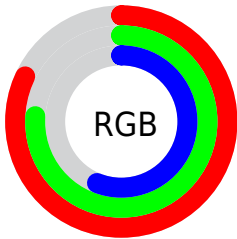
| Format | Color |
|-------------------------------------|---|
| RYB | 164, 208, 144 |
| Decimal | 13681040 |
| CIELab | 78.21, -2.12, 26.63 |
| CIElCh | 78, 26.713, 94.556 |
| Yxy | 53.5634, 0.3638, 0.3888 |
| Android (android.graphics.Color) | 4291871120 (0xFFD0C190) |
| YUV | 191.8990, -23.6142, 14.1206 |
| Hunter-Lab | 73.1870, -5.8455, 23.6198 |

Details

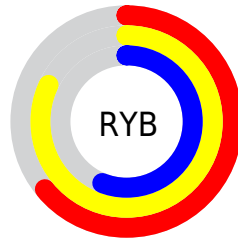
The XYZ color **50.1164, 53.5634, 34.0829** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2847, 35.2787, 64.6244**, and the grayscale version is **50.1685, 52.7811, 57.4787**.

A 20% lighter version of the original color is **85.3087, 93.0886, 66.8977**, and **24.4907, 26.3188, 14.1452** is the 20% darker color. If you saturate the color by 10%, you get **47.6116, 50.8678, 26.1142**, and if you desaturate by 10%, it is **52.9523, 56.4521, 43.6082**.

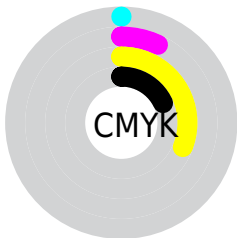
Distribution



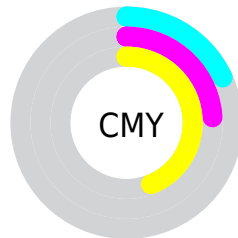
- Red (82%)
- Green (76%)
- Blue (56%)



- Red (64%)
- Yellow (82%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1164, 53.5634, 34.0829 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 50.1164, 53.5634, 34.0829 by changing the saturation by 10% instead.


 50.1164, 53.5634,
34.0829


 50.1164, 53.5634,
34.0829


377.5654,
400.4429, 335.2820

 35.7241, 38.2527,
22.6794


 89.5381, 95.4329,
67.1979

 24.3903, 26.1789,
14.1539


 115.2982,
122.7605, 89.7466

 15.7497, 16.9575,
8.0878


145.5782,
154.8625, 116.8473

 9.4369, 10.2042,
4.0626

180.7436,
192.1234, 148.9188

 5.0866, 5.5346,
1.6598

221.1597,
234.9275, 186.3794

 2.3335, 2.5642,
0.3329

267.1918,

 0.8117, 0.9087,

283.6591, 229.6478

0.0000

319.2052,
338.7028, 279.1425

■ 0.0000, 0.0000,
0.0000

■ 50.1164, 53.5634,
34.0829

■ 50.1164, 53.5634,
34.0829

■ 47.6116, 50.8678,
26.1142

■ 52.9523, 56.4521,
43.6082

■ 45.4175, 48.3509,
19.6140

■ 56.1306, 59.5331,
54.7654

■ 43.5174, 46.0072,
14.4901

■ 59.6666, 62.8151,
67.6285

■ 41.8913, 43.8283,
10.6387

■ 63.5739, 66.3040,
82.2664

■ 40.5162, 41.8045,
7.9413

■ 67.8650, 70.0054,
98.7439

■ 39.3651, 39.9243,
6.2566

■ 70.2491, 73.0033,
104.9963

■ 38.4563, 38.2976,
5.3653

■ 71.5643, 75.6335,
105.4346

■ 72.9171, 78.3392,
105.8856

■ 74.3080, 81.1210,
106.3492

Harmonies

Analogous

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



55.3501, 53.5634, 36.0052



50.1164, 53.5634, 34.0829



45.4214, 53.5634, 37.6881

Triad

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



50.1164, 53.5634, 34.0829



43.0759, 53.5634, 76.2131



60.5329, 53.5634, 71.5779

Complementary

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



50.1164, 53.5634, 34.0829



35.2847, 35.2787, 64.6244

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.



56.8248, 53.5634, 85.3744



50.1164, 53.5634, 34.0829



46.7147, 53.5634, 88.3555

Square

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



50.1164, 53.5634, 34.0829



41.5372, 53.5634, 60.6373



51.7128, 53.5634, 91.9651



61.5972, 53.5634, 56.0653

Rectangle

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



50.1164, 53.5634, 34.0829



43.1558, 53.5634, 43.1756



51.7128, 53.5634, 91.9651



59.5424, 53.5634, 76.6502

Sweetspot

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



50.1178, 53.5658, 34.0840



89.8811, 95.2260, 90.0244



42.3313, 35.8951, 37.9557



19.0690, 20.2225, 18.6616



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.



50.1178, 53.5658, 34.0840



76.7510, 82.0385, 45.3464



49.3285, 58.3320, 35.0456



12.5589, 13.3084, 12.5189



24.0452, 24.0233, 3.3696



1.4028, 1.4599, 0.2079

Inverse Universe

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



35.2847, 35.2787, 64.6244



49.5608, 48.5273, 101.3623



35.8562, 31.9749, 63.9565



11.3853, 11.8609, 14.9330



7.8357, 4.3180, 37.6130



0.5005, 0.3662, 2.1239

Previews

White Background



This preview shows how the XYZ color 50.1164, 53.5634, 34.0829 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 50.1164, 53.5634, 34.0829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

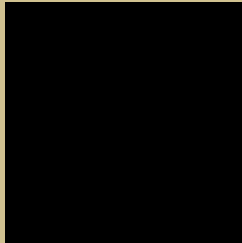
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1164, 53.5634, 34.0829

Background



This preview shows how black text looks on a background with the XYZ color 50.1164, 53.5634, 34.0829.



This preview shows how white text looks on a background with the XYZ color 50.1164, 53.5634,

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

50.1164, 53.5634, 34.0829

Protanopia

49.8361, 53.4189, 34.0698

Deuteranopia

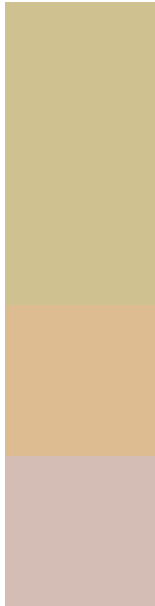
54.5322, 53.2672, 34.6016



Tritanopia

56.0086, 53.7350, 62.0635

Trichromacy



Original Color

50.1164, 53.5634, 34.0829

Protanomaly

49.8361, 53.4189, 34.0698

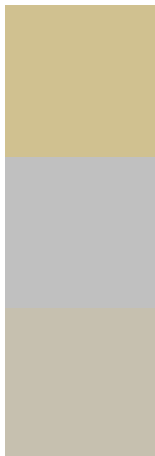
Deuteranomaly

52.9128, 53.3829, 34.3032

Tritanomaly

53.5872, 53.6875, 50.7184

Monochromacy



Original Color

50.1164, 53.5634, 34.0829

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8762, 52.8002, 48.1201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1164, 53.5634, 34.0829 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(208, 193, 144)` looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 144)  
}
```

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(208, 193, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 144) }
```

Border

The CSS property to change the border of an element to XYZ 50.1164, 53.5634, 34.0829 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(208, 193, 144) }
```


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

```
.border{ border-color:rgb(208, 193, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 193, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 144);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1164, 53.5634, 34.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 193, 144) }
```

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

```
.background{ background-color: rgb(208,  
193, 144) }
```

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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