

Converting Colors

XYZ(51.4709, 54.9951, 35.4158)

Have a look what the booklet for
XYZ(51.4709, 54.9951, 35.4158)
contains.

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Color

**XYZ(51.3599, 54.8384,
35.4817)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C393
RGB	210, 195, 147
RGB Percent	82%, 76%, 58%
CMY	0.1765, 0.2353, 0.4235
CMYK	0.00, 0.07, 0.30, 0.18
HSL	46°, 41%, 70%
HSV	46°, 30%, 82%
XYZ	51.3599, 54.8384, 35.4817
YIQ	194.0130, 24.3480, -11.7480

Conversions

Conversions Part 2

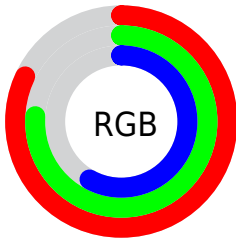
Format	Color
R _Y B	167, 210, 147
Decimal	13812627
CIE Lab	78.95, -2.01, 26.07
CIE LCh	79, 26.151, 94.397
Yxy	54.8384, 0.3625, 0.3871
Android (android.graphics.Color)	4292002707 (0xFFD2C393)
YUV	194.0130, -23.1774, 14.0206
Hunter-Lab	74.0530, -5.7929, 23.4289

Details

The XYZ color **51.3599, 54.8384, 35.4817** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.5856, 36.6959, 66.1277**, and the grayscale version is **51.4098, 54.0871, 58.9008**.

A 20% lighter version of the original color is **86.2798, 94.4714, 68.9457**, and **25.1538, 26.8628, 14.9256** is the 20% darker color. If you saturate the color by 10%, you get **48.7594, 52.0379, 27.2137**, and if you desaturate by 10%, it is **54.3016, 57.8392, 45.3488**.

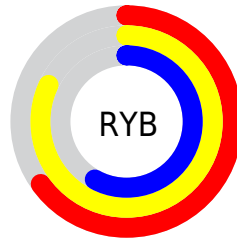
Distribution



Red (82%)

Green (76%)

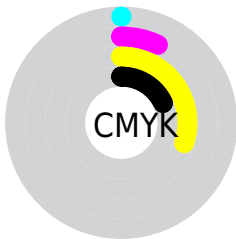
Blue (58%)



Red (65%)

Yellow (82%)

Blue (58%)

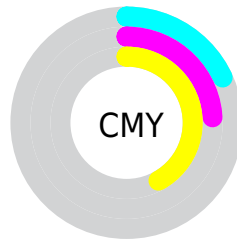


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (24%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3599, 54.8384, 35.4817 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 51.3599, 54.8384, 35.4817 by changing the saturation by 10% instead.


 51.3599, 54.8384,
35.4817


 51.3599, 54.8384,
35.4817


382.3251,
405.2991, 341.6581

 36.7173, 39.2724,
23.7477


 91.3664, 97.3041,
69.3913

 25.1614, 26.9717,
14.9361


 117.4610,
124.9726, 92.4040

 16.3267, 17.5519,
8.6284


148.1036,
157.4441, 120.0133

 9.8479, 10.6288,
4.4061

183.6597,
195.1028, 152.6378

 5.3597, 5.8178,
1.8507

224.4945,
238.3333, 190.6959

 2.4968, 2.7346,
0.4611

270.9735,

 0.8936, 0.9948,

287.5199, 234.6064

0.0000

323.4619,
343.0470, 284.7876

■ 0.0000, 0.0000,
0.0000

■ 51.3599, 54.8384,
35.4817

■ 51.3599, 54.8384,
35.4817

■ 48.7594, 52.0379,
27.2137

■ 54.3016, 57.8392,
45.3488

■ 46.4790, 49.4231,
20.4550

■ 57.5958, 61.0396,
56.8914

■ 44.5020, 46.9883,
15.1120

■ 61.2583, 64.4484,
70.1852

■ 42.8079, 44.7250,
11.0795

■ 65.3027, 68.0717,
85.3001

■ 41.3735, 42.6232,
8.2371

■ 69.7420, 71.9152,
102.3023

■ 40.1715, 40.6713,
6.4426

■ 71.5525, 74.7699,
105.2686

■ 39.1520, 38.8489,
5.4351

■ 72.9237, 77.5122,
105.7256

■ 39.1519, 38.8487,
5.4350

■ 74.3347, 80.3343,
106.1959

■ 75.7859, 83.2368,
106.6797

Harmonies

Analogous

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



56.5602, 54.8384, 37.4431



51.3599, 54.8384, 35.4817



46.6790, 54.8384, 39.0737

Triad

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



51.3599, 54.8384, 35.4817



44.3048, 54.8384, 77.3781



61.6620, 54.8384, 72.9483

Complementary

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



51.3599, 54.8384, 35.4817



36.5856, 36.6959, 66.1277

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.



57.9730, 54.8384, 86.5704



51.3599, 54.8384, 35.4817



47.9227, 54.8384, 89.4115

Square

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



51.3599, 54.8384, 35.4817



42.7813, 54.8384, 61.9307



52.8921, 54.8384, 93.0263



62.7327, 54.8384, 57.5424

Rectangle

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



51.3599, 54.8384, 35.4817



44.4131, 54.8384, 44.5522



52.8921, 54.8384, 93.0263



60.6756, 54.8384, 77.9656

Sweetspot

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



51.3613, 54.8409, 35.4828



89.8546, 95.1731, 90.0156



43.6010, 37.2051, 39.4170



19.0625, 20.2094, 18.6595



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.



51.3613, 54.8409, 35.4828



77.0501, 82.2741, 46.5639



50.6258, 59.7025, 36.4600



12.5550, 13.3008, 12.5176



23.9630, 23.8591, 3.3423



1.3988, 1.4519, 0.2065

Inverse Universe

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



36.5856, 36.6959, 66.1277



50.5547, 49.7467, 101.5453



37.1203, 33.2815, 65.4404



11.3889, 11.8680, 14.9342



7.8567, 4.3599, 37.6199



0.5022, 0.3695, 2.1244

Previews

White Background



This preview shows how the XYZ color 51.3599, 54.8384, 35.4817 looks on a white background.

Color Contrast Check

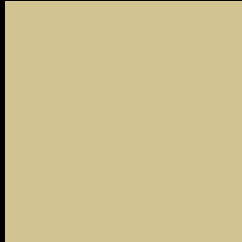
Large Text (above 18pt) WCAG AA × Fail

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 51.3599, 54.8384, 35.4817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

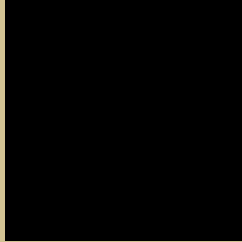
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3599, 54.8384, 35.4817

Background



This preview shows how black text looks on a background with the XYZ color 51.3599, 54.8384, 35.4817.

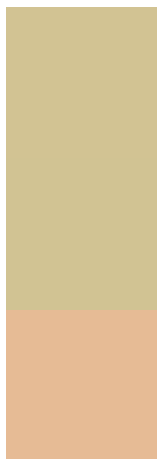


This preview shows how white text looks on a background with the XYZ color 51.3599, 54.8384,

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

51.3599, 54.8384, 35.4817

Protanopia

51.0761, 54.6921, 35.4684

Deuteranopia

55.8283, 54.5336, 36.0173



Tritanopia

57.2592, 54.9824, 63.4719

Trichromacy



Original Color

51.3599, 54.8384, 35.4817

Protanomaly

51.0761, 54.6921, 35.4684

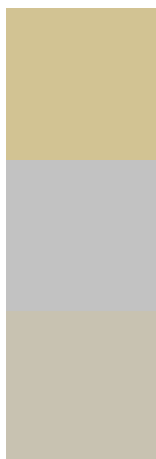
Deuteranomaly

54.1902, 54.6530, 35.7099

Tritanomaly

54.8059, 54.9351, 51.9709

Monochromacy



Original Color

51.3599, 54.8384, 35.4817

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0470, 54.0373, 49.3347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3599, 54.8384, 35.4817 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(210, 195, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 195, 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(210, 195, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 195, 147) }
```

Border

The CSS property to change the border of an element to XYZ 51.3599, 54.8384, 35.4817 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(210, 195, 147) }
```


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

```
.border{ border-color:rgb(210, 195, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 195, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 195, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 195, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 195,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3599, 54.8384, 35.4817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 195, 147) }
```

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

```
.background{ background-color: rgb(210,  
195, 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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