

Converting Colors

XYZ(51.3317, 54.7991, 34.5231)

Have a look what the booklet for
XYZ(51.3317, 54.7991, 34.5231)
contains.

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Color

**XYZ(51.4899, 54.9234,
34.6755)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C391
RGB	211, 195, 145
RGB Percent	83%, 76%, 57%
CMY	0.1725, 0.2353, 0.4314
CMYK	0.00, 0.08, 0.31, 0.17
HSL	45°, 43%, 70%
HSV	45°, 31%, 83%
XYZ	51.4899, 54.9234, 34.6755
YIQ	194.0840, 25.5860, -12.1580

Conversions

Conversions Part 2

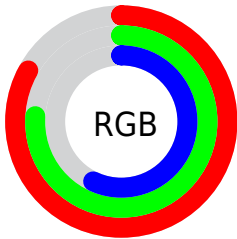
Format	Color
R_{YB}	166, 211, 145
Decimal	13878161
CIE _{Lab}	79.00, -1.87, 27.21
CIE _{LCh}	79, 27.273, 93.938
Yxy	54.9234, 0.3649, 0.3893
Android (android.graphics.Color)	4292068241 (0xFFD3C391)
YUV	194.0840, -24.1984, 14.8353
Hunter-Lab	74.1103, -5.6760, 24.1360

Details

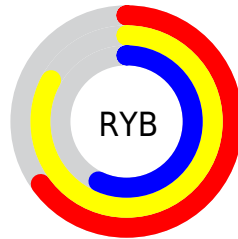
The XYZ color **51.4899, 54.9234, 34.6755** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1795, 36.2116, 66.7108**, and the grayscale version is **51.4572, 54.1370, 58.9552**.

A 20% lighter version of the original color is **86.0460, 94.3779, 67.7145**, and **25.2556, 26.9258, 14.4558** is the 20% darker color. If you saturate the color by 10%, you get **48.8859, 52.0817, 26.5124**, and if you desaturate by 10%, it is **54.4381, 57.9695, 44.4454**.

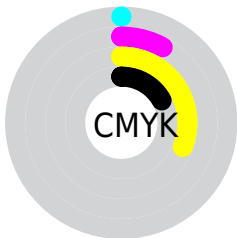
Distribution



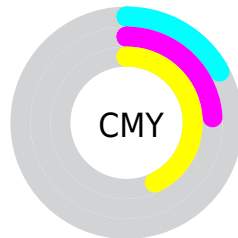
- Red (83%)
- Green (76%)
- Blue (57%)



- Red (65%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4899, 54.9234, 34.6755 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 51.4899, 54.9234, 34.6755 by changing the saturation by 10% instead.


 51.4899, 54.9234,
34.6755

 51.4899, 54.9234,
34.6755


382.8205,
405.6215, 337.9943

 36.8213, 39.3404,
23.1315


 91.5572, 97.4287,
68.1286

 25.2422, 27.0246,
14.4844


 117.6866,
125.1198, 90.8748

 16.3873, 17.5917,
8.3158


148.3669,
157.6157, 118.1921

 9.8912, 10.6573,
4.2070

183.9636,
195.3009, 150.4990

 5.3886, 5.8369,
1.7396

224.8419,
238.5596, 188.2142

 2.5141, 2.7461,
0.3876

271.3673,

 0.9024, 1.0007,

287.7764, 231.7561

0.0000

323.9051,
343.3355, 281.5433

■ 0.0000, 0.0000,
0.0000

■ 51.4899, 54.9234,
34.6755

■ 51.4899, 54.9234,
34.6755

■ 48.8859, 52.0817,
26.5124

■ 54.4381, 57.9695,
44.4454

■ 46.6048, 49.4293,
19.8643

■ 57.7423, 61.2194,
55.9002

■ 44.6293, 46.9608,
14.6354

■ 61.4186, 64.6822,
69.1172

■ 42.9383, 44.6669,
10.7173

■ 65.4808, 68.3640,
84.1676

■ 41.5080, 42.5376,
7.9862

■ 69.9422, 72.2706,
101.1189

■ 40.3100, 40.5608,
6.2941

■ 72.0254, 75.2916,
105.3443

■ 39.4112, 38.9433,
5.4396

■ 73.4342, 78.1093,
105.8139

■ 74.8849, 81.0106,
106.2975

■ 76.3776, 83.9961,
106.7951

Harmonies

Analogous

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



56.9213, 54.9234, 36.7798



51.4899, 54.9234, 34.6755



46.5932, 54.9234, 38.2837

Triad

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



51.4899, 54.9234, 34.6755



44.0183, 54.9234, 78.0796



62.1455, 54.9234, 73.9108

Complementary

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



51.4899, 54.9234, 34.6755



36.1795, 36.2116, 66.7108

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.



58.2460, 54.9234, 88.1688



51.4899, 54.9234, 34.6755



47.7530, 54.9234, 90.8534

Square

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



51.4899, 54.9234, 34.6755



42.4727, 54.9234, 61.8776



52.9227, 54.9234, 94.8312



63.3165, 54.9234, 57.7739

Rectangle

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



51.4899, 54.9234, 34.6755



44.2165, 54.9234, 43.8840



52.9227, 54.9234, 94.8312



61.0976, 54.9234, 79.1680

Sweetspot

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



51.4913, 54.9259, 34.6766



89.8238, 95.1115, 90.0053



43.4670, 36.6912, 38.7416



19.0548, 20.1941, 18.6569



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.



51.4913, 54.9259, 34.6766



76.1407, 81.1732, 44.0478



50.7821, 60.1687, 35.7260



12.5506, 13.2919, 12.5161



23.8681, 23.6692, 3.3106



1.3942, 1.4427, 0.2050

Inverse Universe

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



36.1795, 36.2116, 66.7108



48.8131, 47.7850, 101.2584



36.6828, 32.5838, 65.9841



11.3930, 11.8763, 14.9355



7.8815, 4.4096, 37.6282



0.5041, 0.3734, 2.1251

Previews

White Background



This preview shows how the XYZ color 51.4899, 54.9234, 34.6755 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 51.4899, 54.9234, 34.6755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

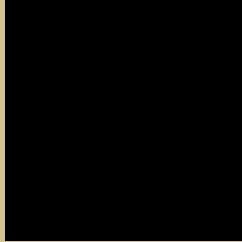
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4899, 54.9234, 34.6755

Background



This preview shows how black text looks on a background with the XYZ color 51.4899, 54.9234, 34.6755.



This preview shows how white text looks on a background with the XYZ color 51.4899, 54.9234,

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

51.4899, 54.9234, 34.6755

Protanopia

51.2043, 54.7762, 34.6622

Deuteranopia

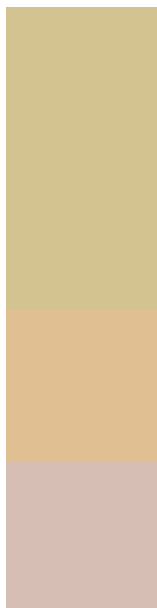
56.2047, 55.0619, 35.2695



Tritanopia

57.3444, 54.7103, 63.4149

Trichromacy



Original Color

51.4899, 54.9234, 34.6755

Protanomaly

51.2043, 54.7762, 34.6622

Deuteranomaly

54.5596, 55.1842, 34.9701

Tritanomaly

54.7783, 54.6102, 51.3698

Monochromacy



Original Color

51.4899, 54.9234, 34.6755

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9477, 53.9975, 48.8116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4899, 54.9234, 34.6755 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(211, 195, 145)` looks like.

```
.text, #text, p{  
    color:rgb(211, 195, 145)  
}
```

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(211, 195, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 195, 145) }
```

Border

The CSS property to change the border of an element to XYZ 51.4899, 54.9234, 34.6755 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(211, 195, 145) }
```


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

```
.border{ border-color:rgb(211, 195, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 195, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 195, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 195, 145);  
box-shadow:4px 4px 4px 4px rgb(211, 195,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4899, 54.9234, 34.6755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 195, 145) }
```

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

```
.background{ background-color: rgb(211,  
195, 145) }
```

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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