

Converting Colors

XYZ(51.1137, 54.8865, 32.0291)

Have a look what the booklet for
XYZ(51.1137, 54.8865, 32.0291)
contains.

XYZ(50.9665, 54.7141, 31.9194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.9665, 54.7141,
31.9194)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C38A
RGB	211, 195, 138
RGB Percent	83%, 76%, 54%
CMY	0.1725, 0.2353, 0.4588
CMYK	0.00, 0.08, 0.35, 0.17
HSL	47°, 45%, 68%
HSV	47°, 35%, 83%
XYZ	50.9665, 54.7141, 31.9194
YIQ	193.2860, 27.8330, -14.3350

Conversions

Conversions Part 2

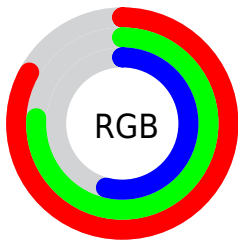
Format	Color
RYB	158, 211, 138
Decimal	13878154
CIELab	78.88, -2.74, 30.72
CIELCh	79, 30.841, 95.094
Yxy	54.7141, 0.3704, 0.3976
Android (android.graphics.Color)	4292068234 (0xFFD3C38A)
YUV	193.2860, -27.2560, 15.5352
Hunter-Lab	73.9690, -6.4547, 26.1932

Details

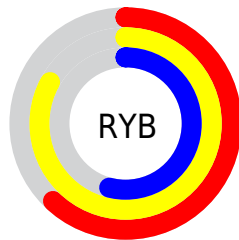
The XYZ color **50.9665, 54.7141, 31.9194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7944, 33.2165, 66.2582**, and the grayscale version is **51.0020, 53.6580, 58.4336**.

A 20% lighter version of the original color is **85.2516, 94.0601, 63.5314**, and **24.9109, 27.0027, 12.9159** is the 20% darker color. If you saturate the color by 10%, you get **48.5655, 52.1237, 24.3006**, and if you desaturate by 10%, it is **53.6992, 57.4924, 41.1141**.

Distribution



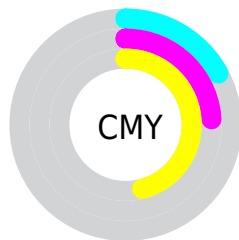
- Red (83%)
- Green (76%)
- Blue (54%)



- Red (62%)
- Yellow (83%)
- Blue (54%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9665, 54.7141, 31.9194 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 50.9665, 54.7141, 31.9194 by changing the saturation by 10% instead.

■ 50.9665, 54.7141,
31.9194

■ 50.9665, 54.7141,
31.9194

380.8234,
404.8273, 325.2333

■ 36.4029, 39.1729,
21.0356

■ 90.7885, 97.1219,
63.7812

■ 24.9171, 26.8942,
12.9586

■ 116.7777,
124.7573, 85.5962

■ 16.1437, 17.4938,
7.2696

■ 147.3060,
157.1929, 111.8921

■ 9.7174, 10.5872,
3.5503

182.7389,
194.8131, 143.0874

■ 5.2728, 5.7900,
1.3820

223.4418,
238.0022, 179.6007

■ 2.4446, 2.7178,
0.1276

269.7799,

■ 0.8674, 0.9862,

287.1447, 221.8504

0.0000

322.1187,
342.6249, 270.2551

■ 0.0000, 0.0000,
0.0000

■ 50.9665, 54.7141,
31.9194

■ 50.9665, 54.7141,
31.9194

■ 48.5655, 52.1237,
24.3006

■ 53.6992, 57.4924,
41.1141

■ 46.4744, 49.7062,
18.1634

■ 56.7755, 60.4580,
51.9651

■ 44.6753, 47.4559,
13.4085

■ 60.2119, 63.6198,
64.5510

■ 43.1466, 45.3637,
9.9232

■ 64.0225, 66.9839,
78.9448

■ 41.8631, 43.4190,
7.5768

■ 68.2204, 70.5561,
95.2150

■ 40.7943, 41.6092,
6.2102

■ 71.2334, 73.7078,
105.0804

■ 40.2773, 40.6757,
5.7283

■ 72.4837, 76.2084,
105.4971

■ 73.7680, 78.7769,
105.9252

■ 75.0865, 81.4139,
106.3647

Harmonies

Analogous

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



57.1182, 54.7141, 33.9402



50.9665, 54.7141, 31.9194



45.5288, 54.7141, 36.0379

Triad

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



50.9665, 54.7141, 31.9194



42.9589, 54.7141, 81.1227



63.4223, 54.7141, 74.9219

Complementary

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



50.9665, 54.7141, 31.9194



33.7944, 33.2165, 66.2582

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.



59.0660, 54.7141, 91.6174



50.9665, 54.7141, 31.9194



47.2048, 54.7141, 95.6613

Square

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



50.9665, 54.7141, 31.9194



41.1430, 54.7141, 62.6163



53.0557, 54.7141, 99.8355



64.6259, 54.7141, 56.6325

Rectangle

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



50.9665, 54.7141, 31.9194



42.9396, 54.7141, 42.2975



53.0557, 54.7141, 99.8355



62.2622, 54.7141, 81.0120

Sweetspot

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



50.9679, 54.7166, 31.9205



89.4562, 94.9519, 88.1080



41.8720, 34.3941, 35.4575



18.9890, 20.1772, 18.2814



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.



50.9679, 54.7166, 31.9205



75.3029, 80.8460, 39.6114



49.5022, 59.5692, 32.9344



12.5745, 13.3397, 12.5241



24.3858, 24.7046, 3.4832



1.4193, 1.4928, 0.2133

Inverse Universe

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



33.7944, 33.2165, 66.2582



44.8769, 42.7710, 100.4981



34.8427, 30.0959, 65.6006



11.3707, 11.8317, 14.9281



7.7536, 4.1538, 37.5856



0.4938, 0.3528, 2.1216

Previews

White Background



This preview shows how the XYZ color 50.9665, 54.7141, 31.9194 looks on a white background.

Color Contrast Check

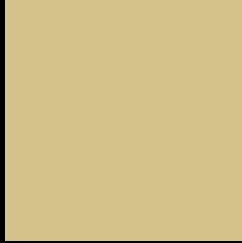
Large Text (above 18pt) WCAG AA × Fail

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 50.9665, 54.7141, 31.9194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

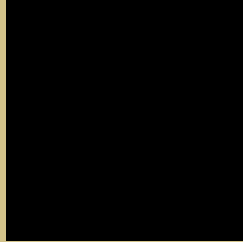
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9665, 54.7141, 31.9194

Background



This preview shows how black text looks on a background with the XYZ color 50.9665, 54.7141, 31.9194.



This preview shows how white text looks on a background with the XYZ color 50.9665, 54.7141,

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

50.9665, 54.7141, 31.9194

Protanopia

50.9665, 54.7141, 31.9194

Deuteranopia

55.7827, 54.5899, 32.4078



Tritanopia

57.2264, 54.6631, 62.7932

Trichromacy



Original Color

50.9665, 54.7141, 31.9194

Protanomaly

50.9665, 54.7141, 31.9194

Deuteranomaly

53.8141, 54.5383, 32.1167

Tritanomaly

54.4737, 54.4883, 49.7657

Monochromacy



Original Color

50.9665, 54.7141, 31.9194

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6540, 53.8801, 47.2653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9665, 54.7141, 31.9194 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(211, 195, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 195, 138) }
```

Border

The CSS property to change the border of an element to XYZ 50.9665, 54.7141, 31.9194 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, 138) }
```


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

```
.border{ border-color:rgb(211, 195, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 195, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 195, 138);  
box-shadow:4px 4px 4px 4px rgb(211, 195,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9665, 54.7141, 31.9194 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, 138) }
```

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

```
.background{ background-color: rgb(211,  
195, 138) }
```

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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