

Converting Colors

XYZ(50.4594, 55.5433, 33.1901)

Have a look what the booklet for
XYZ(50.4594, 55.5433, 33.1901)
contains.

XYZ(50.4554, 55.4331, 33.2397)	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(50.4554, 55.4331,
33.2397)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC68D
RGB	206, 198, 141
RGB Percent	81%, 78%, 55%
CMY	0.1922, 0.2235, 0.4471
CMYK	0.00, 0.04, 0.32, 0.19
HSL	53°, 40%, 68%
HSV	53°, 32%, 81%
XYZ	50.4554, 55.4331, 33.2397
YIQ	193.8940, 23.0650, -16.0310

Conversions

Conversions Part 2

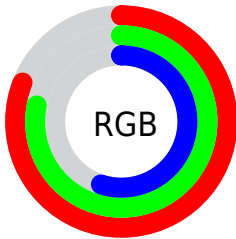
Format	Color
R_{YB}	150, 206, 141
Decimal	13551245
CIE _{Lab}	79.29, -5.88, 29.63
CIE _{LCh}	79, 30.205, 101.234
Yxy	55.4331, 0.3627, 0.3984
Android (android.graphics.Color)	4291741325 (0xFFCEC68D)
YUV	193.8940, -26.0767, 10.6170
Hunter-Lab	74.4534, -9.3280, 25.6474

Details

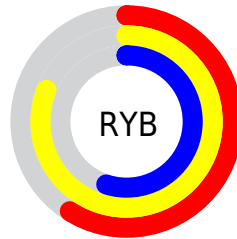
The XYZ color **50.4554, 55.4331, 33.2397** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.8723, 31.6129, 62.7619**, and the grayscale version is **51.3565, 54.0310, 58.8398**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **24.5812, 27.2640, 13.6398** is the 20% darker color. If you saturate the color by 10%, you get **48.4892, 53.7296, 25.7127**, and if you desaturate by 10%, it is **52.7192, 57.2751, 42.2738**.

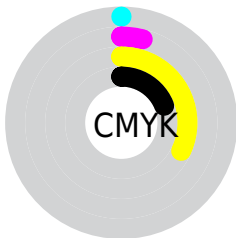
Distribution



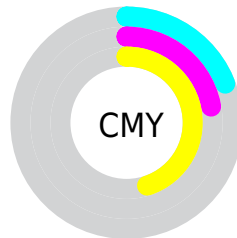
- Red (81%)
- Green (78%)
- Blue (55%)



- Red (59%)
- Yellow (81%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (32%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4554, 55.4331, 33.2397 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 50.4554, 55.4331, 33.2397 by changing the saturation by 10% instead.

■ 50.4554, 55.4331,
33.2397

■ 50.4554, 55.4331,
33.2397

378.8668,
407.5516, 331.3935

■ 35.9947, 39.7486,
22.0375

■ 90.0370, 98.1752,
65.8699

■ 24.6002, 27.3426,
13.6859

■ 115.8887,
126.0016, 88.1350

■ 15.9066, 17.8307,
7.7663

■ 146.2679,
158.6441, 114.9248

■ 9.5485, 10.8285,
3.8601

181.5402,
196.4871, 146.6579

■ 5.1606, 5.9516,
1.5489

222.0709,
239.9149, 183.7527

■ 2.3775, 2.8157,
0.2540

268.2253,

■ 0.8339, 1.0363,

289.3120, 226.6279

0.0000

320.3688,
345.0628, 275.7020

■ 0.0000, 0.0000,
0.0000

■ 50.4554, 55.4331,
33.2397

■ 50.4554, 55.4331,
33.2397

■ 48.4892, 53.7296,
25.7127

■ 52.7192, 57.2751,
42.2738

■ 46.8005, 52.1506,
19.6058

■ 55.2912, 59.2539,
52.8885

■ 45.3734, 50.6915,
14.8287


■ 58.1863, 61.3777,
65.1566


■ 44.1883, 49.3446,
11.2792


■ 61.4173, 63.6515,
79.1455


■ 43.2230, 48.1007,
8.8402


■ 64.9965, 66.0804,
94.9187


 42.4508, 46.9493,
7.3717

 67.3502, 68.0350,
104.1901

 41.9089, 46.0325,
6.6763

 67.9934, 69.3213,
104.4045

 68.6465, 70.6276,
104.6222

 69.3097, 71.9540,
104.8432

Harmonies

Analogous

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



56.5161, 55.4331, 34.0060



50.4554, 55.4331, 33.2397



45.3914, 55.4331, 38.6244

Triad

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



50.4554, 55.4331, 33.2397



44.4207, 55.4331, 85.0654



64.4773, 55.4331, 71.7126

Complementary

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



50.4554, 55.4331, 33.2397



32.8723, 31.6129, 62.7619

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.



60.7263, 55.4331, 89.0124



50.4554, 55.4331, 33.2397



49.0358, 55.4331, 97.6817

Square

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



50.4554, 55.4331, 33.2397



42.0891, 55.4331, 67.0773



54.9845, 55.4331, 99.2504



64.9305, 55.4331, 54.1017

Rectangle

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



50.4554, 55.4331, 33.2397



43.1411, 55.4331, 45.7127



54.9845, 55.4331, 99.2504



63.5476, 55.4331, 77.8365

Sweetspot

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



50.4568, 55.4356, 33.2409



90.6787, 96.8212, 90.2903



40.4571, 34.3635, 33.2149



19.2666, 20.6177, 18.7275



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.



50.4568, 55.4356, 33.2409



79.4952, 87.8820, 45.1660



46.2102, 56.0313, 33.5797



12.0315, 12.8520, 11.9260



25.8545, 28.4419, 4.1272



1.3677, 1.5351, 0.2242

Inverse Universe

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



32.8723, 31.6129, 62.7619



46.5484, 43.2556, 100.5035



36.1484, 31.4882, 62.5652



10.7111, 11.0626, 14.1411



7.1171, 3.2581, 36.2100



0.4050, 0.2437, 1.8806

Previews

White Background



This preview shows how the XYZ color 50.4554, 55.4331, 33.2397 looks on a white background.

Color Contrast Check

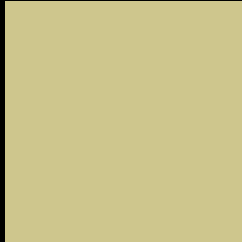
Large Text (above 18pt) WCAG AA × Fail

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 50.4554, 55.4331, 33.2397 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 50.4554, 55.4331, 33.2397

Background



This preview shows how black text looks on a background with the XYZ color 50.4554, 55.4331, 33.2397.



This preview shows how white text looks on a background with the XYZ color 50.4554, 55.4331,

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

50.4554, 55.4331, 33.2397

Protanopia

51.6249, 55.3704, 32.7776

Deuteranopia

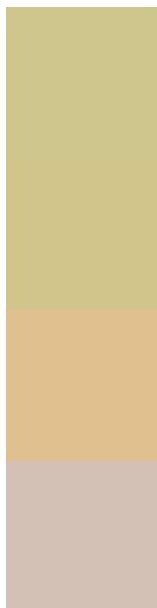
56.5454, 55.2732, 33.6751



Tritanopia

57.1645, 55.5308, 65.4632

Trichromacy



Original Color

50.4554, 55.4331, 33.2397

Protanomaly

51.2782, 55.5276, 32.8262

Deuteranomaly

54.1635, 55.3402, 33.4182

Tritanomaly

54.3774, 55.3662, 52.0767

Monochromacy



Original Color

50.4554, 55.4331, 33.2397

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.5417, 54.1311, 48.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4554, 55.4331, 33.2397 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(206, 198, 141)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 141)  
}
```

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(206, 198, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 141) }
```

Border

The CSS property to change the border of an element to XYZ 50.4554, 55.4331, 33.2397 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(206, 198, 141) }
```


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

```
.border{ border-color:rgb(206, 198, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 141);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4554, 55.4331, 33.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 141) }
```

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

```
.background{ background-color: rgb(206,  
198, 141) }
```

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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