

Converting Colors

XYZ(55.2481, 55.8476, 31.9129)

Have a look what the booklet for
XYZ(55.2481, 55.8476, 31.9129)
contains.

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Color

**XYZ(55.4320, 56.0282,
31.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C08A
RGB	228, 192, 138
RGB Percent	89%, 75%, 54%
CMY	0.1059, 0.2470, 0.4588
CMYK	0.00, 0.16, 0.39, 0.11
HSL	36°, 62%, 72%
HSV	36°, 39%, 89%
XYZ	55.4320, 56.0282, 31.9377
YIQ	196.6080, 38.7900, -9.1620

Conversions

Conversions Part 2

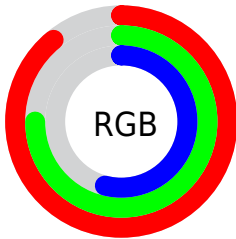
Format	Color
R _Y B	198, 228, 138
Decimal	14991498
CIE Lab	79.63, 5.55, 31.99
CIE LCh	80, 32.471, 80.164
Yxy	56.0282, 0.3866, 0.3907
Android (android.graphics.Color)	4293181578 (0xFFE4C08A)
YUV	196.6080, -28.8937, 27.5308
Hunter-Lab	74.8520, 1.1981, 27.0986

Details

The XYZ color **55.4320, 56.0282, 31.9377** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.6204, 41.2755, 79.2776**, and the grayscale version is **52.9880, 55.7475, 60.7090**.

A 20% lighter version of the original color is **84.3218, 92.2006, 63.2214**, and **27.7475, 27.8113, 12.9225** is the 20% darker color. If you saturate the color by 10%, you get **52.0113, 51.5568, 23.4908**, and if you desaturate by 10%, it is **59.3262, 60.8916, 42.2531**.

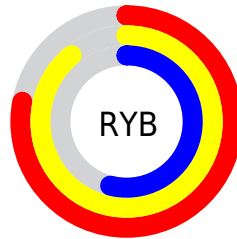
Distribution



Red (89%)

Green (75%)

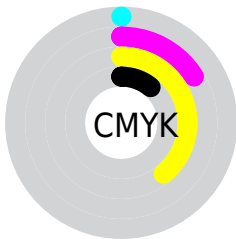
Blue (54%)



Red (78%)

Yellow (89%)

Blue (54%)

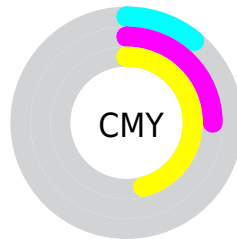


Cyan (0%)

Magenta (16%)

Yellow (39%)

Black (11%)



Cyan (11%)


Magenta (25%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4320, 56.0282, 31.9377 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 55.4320, 56.0282, 31.9377 by changing the saturation by 10% instead.


 55.4320, 56.0282,
31.9377

 55.4320, 56.0282,
31.9377


397.6572,
409.7978, 325.3193


 39.9829, 40.2255,
21.0495


 97.3183, 99.0458,
63.8102

 27.7094, 27.7144,
12.9686


 124.4861,
127.0295, 85.6315

 18.2460, 18.1105,
7.2764


 156.2910,
159.8424, 111.9344

 11.2275, 11.0294,
3.5545

193.0981,
197.8688, 143.1372

 6.2885, 6.0866,
1.3843

235.2730,
241.4932, 179.6586

 3.0636, 2.8978,
0.1294

283.1809,

 1.1875, 1.0786,

291.0999, 221.9170

0.0000

337.1872,
347.0732, 270.3311

■ 0.0965, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4320, 56.0282,
31.9377

■ 55.4320, 56.0282,
31.9377

■ 52.0113, 51.5568,
23.4908

■ 59.3262, 60.8916,
42.2531

■ 49.0356, 47.4564,
16.7931


■ 63.7117, 66.1514,
54.5394


■ 46.4799, 43.7152,
11.7168


■ 68.6105, 71.8219,
68.8957


■ 44.3139, 40.3174,
8.1149


■ 74.0418, 77.9141,
85.4131


 42.5023, 37.2450,
5.8131

 80.0240, 84.4385,
104.1776

 40.9889, 34.4715,
4.5278

 83.2196, 90.0633,
107.6056

 40.9140, 34.3321,
4.4704

 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



61.7286, 56.0282, 37.3031



55.4320, 56.0282, 31.9377



49.0316, 56.0282, 33.0410

Triad

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



55.4320, 56.0282, 31.9377



42.2915, 56.0282, 74.2920



63.5133, 56.0282, 87.1288

Complementary

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



55.4320, 56.0282, 31.9377



39.6204, 41.2755, 79.2776

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.



57.7102, 56.0282, 101.4787



55.4320, 56.0282, 31.9377



45.5913, 56.0282, 93.0780

Square

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



55.4320, 56.0282, 31.9377



41.7906, 56.0282, 55.0531



51.1321, 56.0282, 103.8546



66.6405, 56.0282, 67.3716

Rectangle

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



55.4320, 56.0282, 31.9377



45.5415, 56.0282, 37.3989



51.1321, 56.0282, 103.8546



61.7896, 56.0282, 92.9020

Sweetspot

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



55.4334, 56.0308, 31.9388



86.7282, 90.6222, 83.7265



48.7238, 37.7275, 44.7591



18.3825, 19.1886, 17.3871



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.



55.4334, 56.0308, 31.9388



67.9527, 67.6714, 32.4575



61.5445, 72.3820, 34.7728



15.0927, 15.7993, 15.1585



23.7442, 20.0626, 2.6210



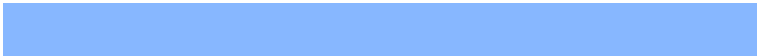
1.8449, 1.6632, 0.2238

Inverse Universe

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



39.6204, 41.2755, 79.2776



45.0165, 46.2847, 101.1690



35.1253, 29.9821, 77.3346



14.0535, 14.8284, 18.2658



10.3643, 7.7907, 43.3407



0.8548, 0.7535, 3.2323

Previews

White Background



This preview shows how the XYZ color 55.4320, 56.0282, 31.9377 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 55.4320, 56.0282, 31.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

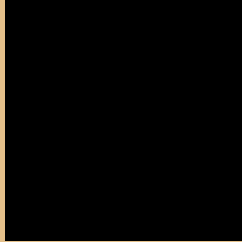
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4320, 56.0282, 31.9377

Background



This preview shows how black text looks on a background with the XYZ color 55.4320, 56.0282, 31.9377.



This preview shows how white text looks on a background with the XYZ color 55.4320, 56.0282,

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

55.4320, 56.0282, 31.9377

Protanopia

52.1404, 55.9721, 32.8665

Deuteranopia

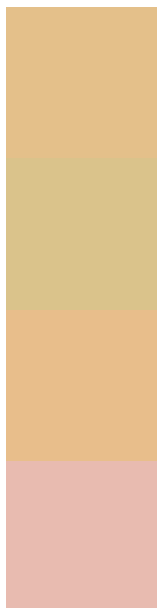
57.1187, 55.9214, 32.2095



Tritanopia

61.2652, 55.8506, 60.9773

Trichromacy



Original Color

55.4320, 56.0282, 31.9377

Protanomaly

53.0887, 55.7997, 32.3984

Deuteranomaly

56.3524, 55.8468, 32.2355

Tritanomaly

58.8855, 55.8310, 48.7472

Monochromacy



Original Color

55.4320, 56.0282, 31.9377

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3640, 55.5747, 48.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4320, 56.0282, 31.9377 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(228, 192, 138)` looks like.

```
.text, #text, p{  
    color:rgb(228, 192, 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(228, 192, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 192, 138) }
```

Border

The CSS property to change the border of an element to XYZ 55.4320, 56.0282, 31.9377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

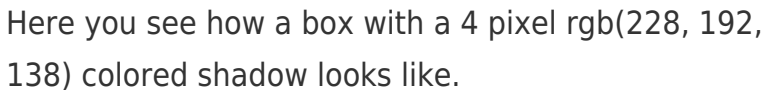
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 192, 138) }
```


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

```
.border{ border-color:rgb(228, 192, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 192, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 192, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 192, 138); box-shadow:4px 4px 4px 4px rgb(228, 192, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4320, 56.0282, 31.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 192, 138) }
```

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

```
.background{ background-color: rgb(228,  
192, 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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