

Converting Colors

XYZ(54.5839, 58.0240, 31.8727)

Have a look what the booklet for
XYZ(54.5839, 58.0240, 31.8727)
contains.

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Color

**XYZ(54.4540, 57.8686,
31.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC789
RGB	220, 199, 137
RGB Percent	86%, 78%, 54%
CMY	0.1373, 0.2196, 0.4627
CMYK	0.00, 0.10, 0.38, 0.14
HSL	45°, 54%, 70%
HSV	45°, 38%, 86%
XYZ	54.4540, 57.8686, 31.9666
YIQ	198.2110, 32.4180, -14.8300

Conversions

Conversions Part 2

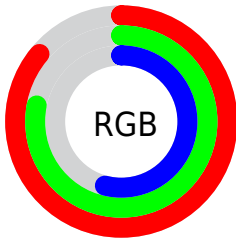
Format	Color
R _{YB}	165, 220, 137
Decimal	14469001
CIE _{Lab}	80.67, -1.39, 33.74
CIE _{LCh}	81, 33.768, 92.358
Yxy	57.8686, 0.3774, 0.4011
Android (android.graphics.Color)	4292659081 (0xFFDCC789)
YUV	198.2110, -30.1770, 19.1090
Hunter-Lab	76.0714, -5.3498, 28.3352

Details

The XYZ color **54.4540, 57.8686, 31.9666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4614, 34.9384, 72.5850**, and the grayscale version is **53.9701, 56.7807, 61.8342**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **27.1150, 28.8152, 12.9369** is the 20% darker color. If you saturate the color by 10%, you get **51.7774, 54.7885, 24.0665**, and if you desaturate by 10%, it is **57.5021, 61.1764, 41.5793**.

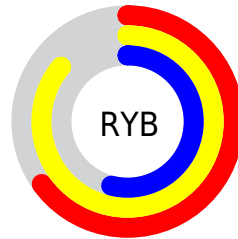
Distribution



Red (86%)

Green (78%)

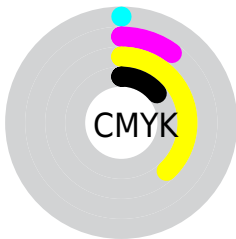
Blue (54%)



Red (65%)

Yellow (86%)

Blue (54%)

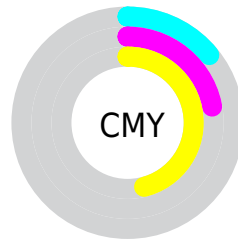


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4540, 57.8686, 31.9666 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 54.4540, 57.8686, 31.9666 by changing the saturation by 10% instead.

■ 54.4540, 57.8686,
31.9666

■ 54.4540, 57.8686,
31.9666

394.0091,
416.6961, 325.4551

■ 39.1969, 41.7030,
21.0714

■ 95.8935, 101.7315,
63.8560

■ 27.0943, 28.8688,
12.9844

■ 122.8066,
130.1976, 85.6873

■ 17.7810, 18.9816,
7.2872

■ 154.3357,
163.5326, 112.0010

■ 10.8916, 11.6570,
3.5612

190.8462,
202.1210, 143.2157

■ 6.0608, 6.5106,
1.3879

232.7034,
246.3472, 179.7500

■ 2.9231, 3.1580,
0.1322

280.2727,

■ 1.1132, 1.2147,

296.5955, 222.0222

0.0000

333.9195,
353.2504, 270.4511

■ 0.0361, 0.0737,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4540, 57.8686,
31.9666

■ 54.4540, 57.8686,
31.9666

■ 51.7774, 54.7885,
24.0665

■ 57.5021, 61.1764,
41.5793

■ 49.4478, 51.9193,
17.7716


■ 60.9360, 64.7121,
52.9961


■ 47.4443, 49.2539,
12.9679


■ 64.7742, 68.4859,
66.3063


■ 45.7416, 46.7814,
9.5248


■ 69.0327, 72.5052,
81.5921


 44.3102, 44.4890,
7.2889


 73.7268, 76.7766,
98.9309


 43.1091, 42.3596,
6.0478

 76.5333, 80.3717,
106.0873

 42.8535, 41.8922,
5.8274

 78.1282, 83.5616,
106.6189

 79.7733, 86.8517,
107.1673

 81.4688, 90.2428,
107.7325

Harmonies

Analogous

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



61.4428, 57.8686, 34.8068



54.4540, 57.8686, 31.9666



48.1511, 57.8686, 35.8784

Triad

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



54.4540, 57.8686, 31.9666



44.4618, 57.8686, 85.8099



67.7197, 57.8686, 82.5002

Complementary

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



54.4540, 57.8686, 31.9666



35.4614, 34.9384, 72.5850

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.



62.4745, 57.8686, 101.2136



54.4540, 57.8686, 31.9666



49.0285, 57.8686, 103.3903

Square

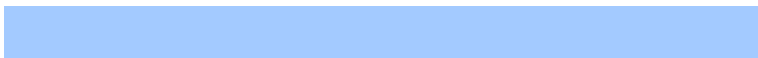
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4540, 57.8686, 31.9666



42.6936, 57.8686, 64.5980



55.5544, 57.8686, 109.5446



69.4750, 57.8686, 61.4464

Rectangle

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



54.4540, 57.8686, 31.9666



45.0782, 57.8686, 42.3939



55.5544, 57.8686, 109.5446



66.2856, 57.8686, 89.4127

Sweetspot

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



54.4554, 57.8713, 31.9678



88.6363, 93.8795, 86.0858



44.7309, 35.6154, 37.3791



18.8133, 19.9388, 17.8743



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.



54.4554, 57.8713, 31.9678



73.1813, 77.5392, 36.0172



54.0978, 65.3595, 33.4320



13.8689, 14.6771, 13.8276



25.2435, 24.7725, 3.4511



1.7026, 1.7392, 0.2460

Inverse Universe

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



35.4614, 34.9384, 72.5850



43.1468, 41.2960, 100.3046



35.6459, 30.1639, 71.6537



12.6050, 13.1498, 16.5259



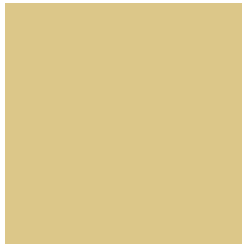
8.4771, 4.8237, 40.2227



0.6180, 0.4501, 2.6287

Previews

White Background



This preview shows how the XYZ color 54.4540, 57.8686, 31.9666 looks on a white background.

Color Contrast Check

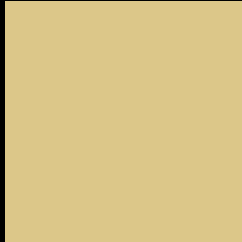
Large Text (above 18pt) WCAG AA × Fail

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 54.4540, 57.8686, 31.9666 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 54.4540, 57.8686, 31.9666

Background



This preview shows how black text looks on a background with the XYZ color 54.4540, 57.8686, 31.9666.



This preview shows how white text looks on a background with the XYZ color 54.4540, 57.8686,

31.9666.

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

54.4540, 57.8686, 31.9666

Protanopia

53.7849, 57.8664, 32.0015

Deuteranopia

59.1064, 57.9141, 32.4894



Tritanopia

61.1115, 57.5656, 65.6480

Trichromacy



Original Color

54.4540, 57.8686, 31.9666

Protanomaly

54.0831, 58.0201, 32.0154

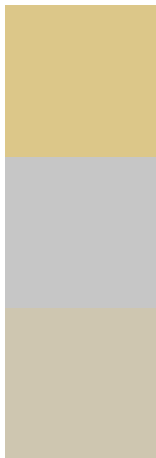
Deuteranomaly

57.3813, 58.0210, 32.2196

Tritanomaly

58.0487, 57.2825, 51.1772

Monochromacy



Original Color

54.4540, 57.8686, 31.9666

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4842, 56.6446, 49.1889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4540, 57.8686, 31.9666 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(220, 199, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 199, 137)  
}
```

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(220, 199, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 199, 137) }
```

Border

The CSS property to change the border of an element to XYZ 54.4540, 57.8686, 31.9666 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(220, 199, 137) }
```


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

```
.border{ border-color:rgb(220, 199, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 199, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 199, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 199, 137); box-shadow:4px 4px 4px 4px rgb(220, 199, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4540, 57.8686, 31.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 199, 137) }
```

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

```
.background{ background-color: rgb(220,  
199, 137) }
```

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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