

Converting Colors

XYZ(54.5800, 57.0215, 30.9413)

Have a look what the booklet for
XYZ(54.5800, 57.0215, 30.9413)
contains.

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Color

**XYZ(54.5445, 56.9171,
31.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC487
RGB	223, 196, 135
RGB Percent	87%, 77%, 53%
CMY	0.1255, 0.2313, 0.4706
CMYK	0.00, 0.12, 0.39, 0.13
HSL	42°, 58%, 70%
HSV	42°, 39%, 87%
XYZ	54.5445, 56.9171, 31.0330
YIQ	197.1190, 35.6730, -13.2470

Conversions

Conversions Part 2

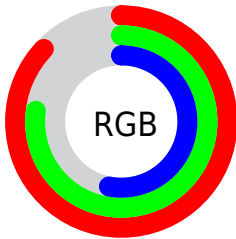
Format	Color
RYB	174, 223, 135
Decimal	14664839
CIELab	80.13, 1.14, 34.13
CIElCh	80, 34.147, 88.092
Yxy	56.9171, 0.3828, 0.3994
Android (android.graphics.Color)	4292854919 (0xFFDFC487)
YUV	197.1190, -30.6247, 22.6976
Hunter-Lab	75.4434, -2.9731, 28.4220

Details

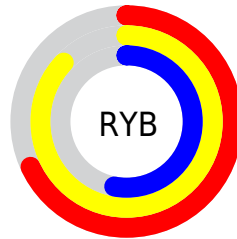
The XYZ color **54.5445, 56.9171, 31.0330** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.2309, 36.3180, 74.9124**, and the grayscale version is **53.3081, 56.0843, 61.0758**.

A 20% lighter version of the original color is **85.2357, 94.5549, 61.9026**, and **26.9991, 28.0931, 12.3870** is the 20% darker color. If you saturate the color by 10%, you get **51.6284, 53.3398, 23.1095**, and if you desaturate by 10%, it is **57.8627, 60.7720, 40.7141**.

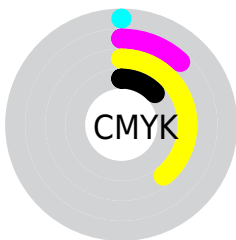
Distribution



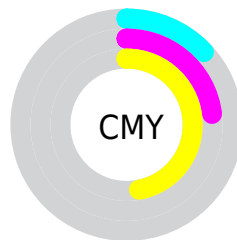
- Red (87%)
- Green (77%)
- Blue (53%)



- Red (68%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5445, 56.9171, 31.0330 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 54.5445, 56.9171, 31.0330 by changing the saturation by 10% instead.

■ 54.5445, 56.9171,
31.0330

■ 54.5445, 56.9171,
31.0330

394.3475,
413.1386, 321.0462

■ 39.2696, 40.9387,
20.3653

■ 96.0255, 100.3442,
62.3722

■ 27.1512, 28.2712,
12.4742

■ 122.9622,
128.5617, 83.8808

■ 17.8240, 18.5302,
6.9410

■ 154.5169,
161.6277, 109.8401

■ 10.9226, 11.3313,
3.3474

191.0550,
199.9265, 140.6687

■ 6.0817, 6.2901,
1.2746

232.9417,
243.8427, 176.7850

■ 2.9360, 3.0223,
0.0409

280.5424,

■ 1.1200, 1.1434,

293.7604, 218.6077

0.0000

334.2226,
350.0643, 266.5553

■ 0.0417, 0.0147,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5445, 56.9171,
31.0330

■ 54.5445, 56.9171,
31.0330

■ 51.6284, 53.3398,
23.1095

■ 57.8627, 60.7720,
40.7141

■ 49.0885, 50.0219,
16.8308


■ 61.5985, 64.9059,
52.2493

■ 46.9022, 46.9551,
12.0764


■ 65.7718, 69.3302,
65.7318


■ 45.0423, 44.1269,
8.7077


■ 70.3996, 74.0533,
81.2480


 43.4766, 41.5229,
6.5605

 75.4982, 79.0828,
98.8786


 42.1529, 39.1205,
5.3638

 78.7800, 83.5053,
106.5737

 42.0851, 38.9953,
5.3087

 80.7992, 87.5435,
107.2468

 82.8947, 91.7346,
107.9453

 84.2414, 94.4279,
108.3942

Harmonies

Analogous

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



61.4794, 56.9171, 34.8131



54.5445, 56.9171, 31.0330



48.0415, 56.9171, 33.9521

Triad

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



54.5445, 56.9171, 31.0330



43.1364, 56.9171, 81.8156



66.2640, 56.9171, 84.5026

Complementary

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



54.5445, 56.9171, 31.0330



36.2309, 36.3180, 74.9124

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.



60.6433, 56.9171, 102.2765



54.5445, 56.9171, 31.0330



47.3324, 56.9171, 100.5059

Square

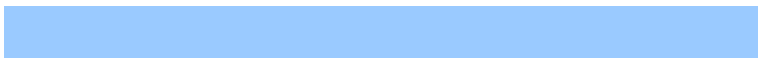
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.5445, 56.9171, 31.0330



41.8020, 56.9171, 60.7065



53.6539, 56.9171, 108.6775



68.5958, 56.9171, 63.2571

Rectangle

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



54.5445, 56.9171, 31.0330



44.7427, 56.9171, 39.7484



53.6539, 56.9171, 108.6775



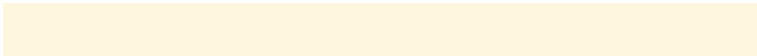
64.6742, 56.9171, 91.2386

Sweetspot

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



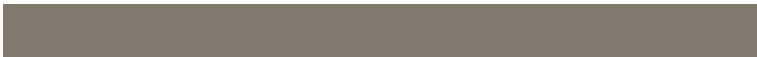
54.5459, 56.9197, 31.0342



87.5871, 92.3400, 84.0128



45.6947, 35.6561, 39.0623



18.5850, 19.5937, 17.4546



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.



54.5459, 56.9197, 31.0342



70.7562, 73.2783, 33.3920



56.4559, 67.7708, 33.0280



14.4984, 15.2828, 14.4925



24.8498, 23.1374, 3.1562



1.8006, 1.7600, 0.2448

Inverse Universe

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



36.2309, 36.3180, 74.9124



42.8022, 41.8560, 100.4308



34.7711, 29.2485, 73.6248



13.2933, 13.9256, 17.3750



9.1495, 5.7685, 41.6796



0.7117, 0.5549, 2.9148

Previews

White Background



This preview shows how the XYZ color 54.5445, 56.9171, 31.0330 looks on a white background.

Color Contrast Check

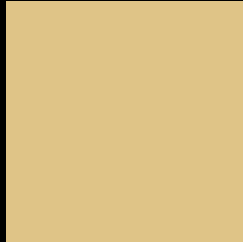
Large Text (above 18pt) WCAG AA × Fail

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 54.5445, 56.9171, 31.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

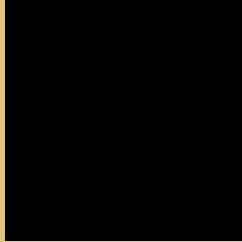
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5445, 56.9171, 31.0330

Background



This preview shows how black text looks on a background with the XYZ color 54.5445, 56.9171, 31.0330.



This preview shows how white text looks on a background with the XYZ color 54.5445, 56.9171,

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

54.5445, 56.9171, 31.0330

Protanopia

52.8917, 57.0715, 31.5208

Deuteranopia

58.1173, 56.7816, 31.1894



Tritanopia

61.0641, 56.6279, 63.5890

Trichromacy



Original Color

54.5445, 56.9171, 31.0330

Protanomaly

53.5515, 57.0712, 31.4859

Deuteranomaly

56.8978, 56.8005, 31.2573

Tritanomaly

58.1279, 56.3722, 49.9367

Monochromacy



Original Color

54.5445, 56.9171, 31.0330

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0598, 56.1103, 48.0782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5445, 56.9171, 31.0330 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(223, 196, 135)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 135)  
}
```

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(223, 196, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 135) }
```

Border

The CSS property to change the border of an element to XYZ 54.5445, 56.9171, 31.0330 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(223, 196, 135) }
```


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

```
.border{ border-color:rgb(223, 196, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 196, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 196, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 196, 135); box-shadow:4px 4px 4px 4px rgb(223, 196, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5445, 56.9171, 31.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 135) }
```

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

```
.background{ background-color: rgb(223,  
196, 135) }
```

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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