

Converting Colors

XYZ(55.0920, 57.0147, 31.1799)

Have a look what the booklet for
XYZ(55.0920, 57.0147, 31.1799)
contains.

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Color

**XYZ(54.9396, 56.7870,
30.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C387
RGB	225, 195, 135
RGB Percent	88%, 76%, 53%
CMY	0.1176, 0.2353, 0.4706
CMYK	0.00, 0.13, 0.40, 0.12
HSL	40°, 60%, 71%
HSV	40°, 40%, 88%
XYZ	54.9396, 56.7870, 30.9870
YIQ	197.1300, 37.1400, -12.3000

Conversions

Conversions Part 2

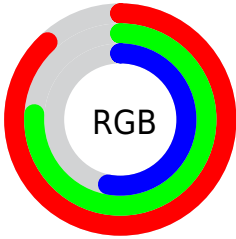
Format	Color
RYB	180, 225, 135
Decimal	14795655
CIELab	80.06, 2.45, 34.07
CIElCh	80, 34.155, 85.880
Yxy	56.7870, 0.3850, 0.3979
Android (android.graphics.Color)	4292985735 (0xFFE1C387)
YUV	197.1300, -30.6301, 24.4420
Hunter-Lab	75.3571, -1.7385, 28.3698

Details

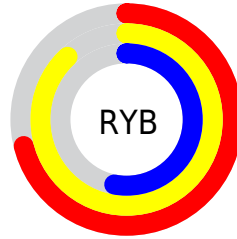
The XYZ color **54.9396, 56.7870, 30.9870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.0370, 37.4961, 76.5195**, and the grayscale version is **53.3142, 56.0906, 61.0827**.

A 20% lighter version of the original color is **84.9225, 93.9285, 61.7982**, and **27.4217, 28.3109, 12.4068** is the 20% darker color. If you saturate the color by 10%, you get **51.8821, 52.9448, 22.9610**, and if you desaturate by 10%, it is **58.4192, 60.9372, 40.8064**.

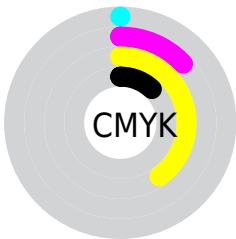
Distribution



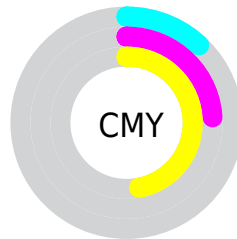
- Red (88%)
- Green (76%)
- Blue (53%)



- Red (71%)
- Yellow (88%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (12%)





- Cyan (12%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9396, 56.7870, 30.9870 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 54.9396, 56.7870, 30.9870 by changing the saturation by 10% instead.


 54.9396, 56.7870,
30.9870

 54.9396, 56.7870,
30.9870


395.8231,
412.6507, 320.8278


 39.5870, 40.8343,
20.3306


 96.6013, 100.1543,
62.2989

 27.3995, 28.1896,
12.4491


 123.6411,
128.3377, 83.7915

 18.0116, 18.4686,
6.9241


 155.3074,
161.3667, 109.7333

 11.0581, 11.2870,
3.3369

191.9655,
199.6258, 140.5426

 6.1735, 6.2602,
1.2691

233.9807,
243.4994, 176.6383

 2.9925, 3.0039,
0.0363

281.7185,

 1.1498, 1.1338,

293.3718, 218.4386

0.0000

335.5442,
349.6274, 266.3623

■ 0.0662, 0.0066,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9396, 56.7870,
30.9870

■ 54.9396, 56.7870,
30.9870

■ 51.8821, 52.9448,
22.9610

■ 58.4192, 60.9372,
40.8064

■ 49.2198, 49.3916,
16.6127


■ 62.3371, 65.3976,
52.5185


■ 46.9293, 46.1182,
11.8177


■ 66.7139, 70.1805,
66.2192


■ 44.9821, 43.1112,
8.4333


■ 71.5675, 75.2946,
81.9968


 43.3448, 40.3550,
6.2895


 76.9148, 80.7487,
99.9345


 41.9598, 37.8245,
5.0894

 80.2608, 85.5465,
106.8897

 41.9597, 37.8243,
5.0893

 82.5142, 90.0533,
107.6408

 84.8599, 94.7446,
108.4227

 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



61.8185, 56.7870, 35.2618



54.9396, 56.7870, 30.9870



48.3516, 56.7870, 33.4055

Triad

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



54.9396, 56.7870, 30.9870



42.8269, 56.7870, 80.0767



65.8044, 56.7870, 85.8662

Complementary

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



54.9396, 56.7870, 30.9870



37.0370, 37.4961, 76.5195

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.



60.0170, 56.7870, 103.0286



54.9396, 56.7870, 30.9870



46.8235, 56.7870, 99.2142

Square

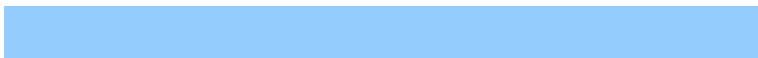
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.9396, 56.7870, 30.9870



41.7180, 56.7870, 59.1238



53.0205, 56.7870, 108.3717



68.4229, 56.7870, 64.6204

Rectangle

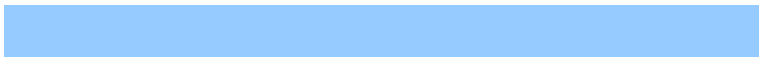
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9396, 56.7870, 30.9870



44.9422, 56.7870, 38.8413



53.0205, 56.7870, 108.3717



64.1421, 56.7870, 92.4677

Sweetspot

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



54.9410, 56.7896, 30.9882



87.3413, 91.8485, 83.9309



46.5072, 36.0527, 40.1056



18.5270, 19.4778, 17.4352



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.



54.9410, 56.7896, 30.9882



69.5450, 71.1404, 32.1117



57.8769, 69.3014, 33.2484



14.4668, 15.2196, 14.4820



24.2907, 22.0192, 2.9699



1.7650, 1.6888, 0.2329

Inverse Universe

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



37.0370, 37.4961, 76.5195



42.6789, 42.2121, 100.5061



34.8328, 29.2489, 75.0438



13.3234, 13.9859, 17.3850



9.3770, 6.2237, 41.7554



0.7303, 0.5921, 2.9210

Previews

White Background



This preview shows how the XYZ color 54.9396, 56.7870, 30.9870 looks on a white background.

Color Contrast Check

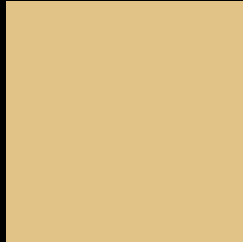
Large Text (above 18pt) WCAG AA × Fail

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 54.9396, 56.7870, 30.9870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

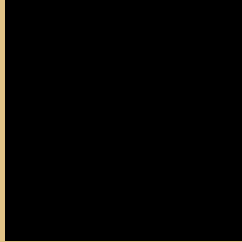
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9396, 56.7870, 30.9870

Background



This preview shows how black text looks on a background with the XYZ color 54.9396, 56.7870, 30.9870.

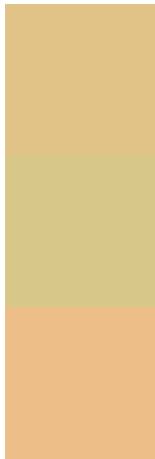


This preview shows how white text looks on a background with the XYZ color 54.9396, 56.7870,

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

54.9396, 56.7870, 30.9870

Protanopia

52.8917, 57.0715, 31.5208

Deuteranopia

57.7824, 56.6090, 31.1737



Tritanopia

61.5917, 56.9135, 62.9975

Trichromacy



Original Color

54.9396, 56.7870, 30.9870

Protanomaly

53.8514, 57.2258, 31.5000

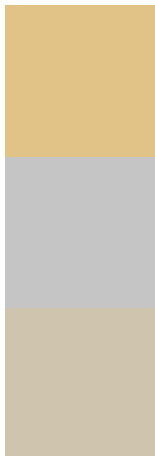
Deuteranomaly

56.8978, 56.8005, 31.2573

Tritanomaly

58.6624, 56.6592, 49.4395

Monochromacy



Original Color

54.9396, 56.7870, 30.9870

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1120, 55.8012, 48.0158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9396, 56.7870, 30.9870 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(225, 195, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 195, 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(225, 195, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 195, 135) }
```

Border

The CSS property to change the border of an element to XYZ 54.9396, 56.7870, 30.9870 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(225, 195, 135) }
```


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

```
.border{ border-color:rgb(225, 195, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 195, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 195, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 195, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 195,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9396, 56.7870, 30.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 195, 135) }
```

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

```
.background{ background-color: rgb(225,  
195, 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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