

# Converting Colors

XYZ(54.5608, 54.7348, 27.9391)

Have a look what the booklet for  
XYZ(54.5608, 54.7348, 27.9391)  
contains.

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# **Color**

**XYZ(54.4070, 54.6117,  
28.0956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5BD80
RGB	229, 189, 128
RGB Percent	90%, 74%, 50%
CMY	0.1020, 0.2588, 0.4980
CMYK	0.00, 0.17, 0.44, 0.10
HSL	36°, 66%, 70%
HSV	36°, 44%, 90%
XYZ	54.4070, 54.6117, 28.0956
YIQ	194.0060, 43.4210, -10.4910

# Conversions

## Conversions Part 2

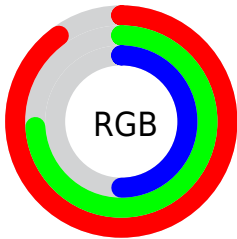
Format	Color
<a href="#">RYB</a>	<a href="#">194, 229, 128</a>
Decimal	<a href="#">15056256</a>
CIELab	<a href="#">78.82, 6.46, 36.15</a>
CIELCh	<a href="#">79, 36.723, 79.869</a>
Yxy	<a href="#">54.6117, 0.3968, 0.3983</a>
Android (android.graphics.Color)	<a href="#">4293246336</a> ( <a href="#">0xFFE5BD80</a> )
YUV	<a href="#">194.0060, -32.5410, 30.6897</a>
Hunter-Lab	<a href="#">73.8997, 2.0921, 29.1886</a>

# Details

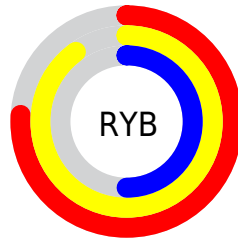
The XYZ color **54.4070, 54.6117, 28.0956** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.0471, 38.2503, 79.5592**, and the grayscale version is **51.4514, 54.1309, 58.9485**.

A 20% lighter version of the original color is **82.3359, 89.9422, 57.2770**, and **27.1926, 26.9290, 10.9723** is the 20% darker color. If you saturate the color by 10%, you get **51.1768, 50.2974, 20.4031**, and if you desaturate by 10%, it is **58.1020, 59.3112, 37.6223**.

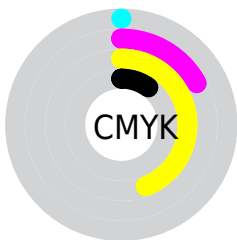
# Distribution



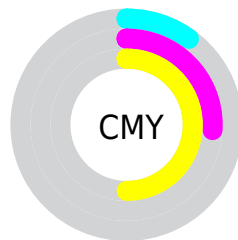
- Red (90%)
- Green (74%)
- Blue (50%)



- Red (76%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (10%)




- Cyan (10%)
- Magenta (26%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4070, 54.6117, 28.0956 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 54.4070, 54.6117, 28.0956 by changing the saturation by 10% instead.





 54.4070, 54.6117,  
28.0956


 54.4070, 54.6117,  
28.0956


393.8332,  
404.4383, 306.8497


 39.1591, 39.0909,  
18.1581


 95.8250, 96.9718,  
57.6620

 27.0648, 26.8305,  
10.8929


 122.7258,  
124.5799, 78.1279

 17.7587, 17.4459,  
5.8816


 154.2416,  
156.9859, 102.9404

 10.8756, 10.5529,  
2.7056

190.7377,  
194.5742, 132.5179

 6.0499, 5.7671,  
0.9462

232.5796,  
237.7292, 167.2791

 2.9164, 2.7040,  
0.0000

280.1326,

 1.1097, 0.9792,

286.8353, 207.6424

0.0000

333.7620,  
342.2769, 254.0265

■ 0.0332, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.4070, 54.6117,  
28.0956

■ 54.4070, 54.6117,  
28.0956

■ 51.1768, 50.2974,  
20.4031

■ 58.1020, 59.3112,  
37.6223

■ 48.3821, 46.3468,  
14.4188


■ 62.2810, 64.4008,  
49.0912

■ 45.9957, 42.7477,  
10.0057


■ 66.9668, 69.8951,  
62.6060


■ 43.9853, 39.4831,  
7.0042


■ 72.1792, 75.8053,  
78.2616


 42.3116, 36.5336,  
5.2196

 77.9372, 82.1422,  
96.1474

 41.4473, 34.9265,  
4.5570

 82.5379, 88.2277,  
107.2872

 85.3253, 93.8025,  
108.2163

 86.1231, 95.3980,  
108.4822

# Harmonies

## Analogous

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



61.4575, 54.6117, 33.7855



54.4070, 54.6117, 28.0956



47.2950, 54.6117, 29.1773

# Triad

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



54.4070, 54.6117, 28.0956



39.8284, 54.6117, 74.1487



63.3565, 54.6117, 89.2106

# Complementary

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



54.4070, 54.6117, 28.0956



37.0471, 38.2503, 79.5592

# 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.



56.8090, 54.6117, 105.6719



54.4070, 54.6117, 28.0956



43.4007, 54.6117, 95.6644

# Square

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



54.4070, 54.6117, 28.0956



39.3153, 54.6117, 52.6892



49.4844, 54.6117, 108.2762



66.9349, 54.6117, 66.7935



# Rectangle

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



54.4070, 54.6117, 28.0956



43.4441, 54.6117, 33.7050



49.4844, 54.6117, 108.2762



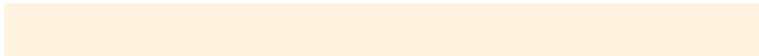
61.4028, 54.6117, 95.8258

# Sweetspot

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



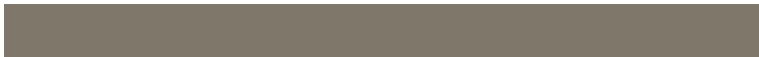
54.4083, 54.6143, 28.0967



86.1190, 89.9546, 81.8259



47.1378, 34.9390, 41.5015



18.1333, 18.9084, 16.6315



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.



54.4083, 54.6143, 28.0967



65.6203, 64.6109, 26.7342



61.0991, 72.6418, 31.2237



15.0976, 15.8091, 15.1602



23.8182, 20.2106, 2.6457



1.8501, 1.6736, 0.2255



# Inverse Universe

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



37.0471, 38.2503, 79.5592



40.7892, 41.2308, 100.4163



32.3603, 26.5079, 77.5397



14.0487, 14.8189, 18.2642



10.3194, 7.7009, 43.3257

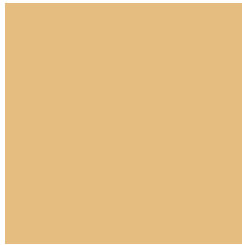


0.8512, 0.7463, 3.2311



# Previews

## White Background



This preview shows how the XYZ color 54.4070, 54.6117, 28.0956 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

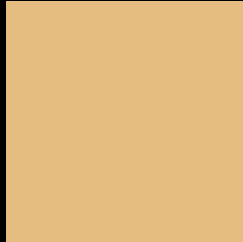
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.4070, 54.6117, 28.0956 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

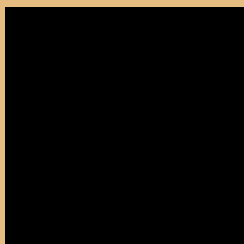
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.4070, 54.6117, 28.0956**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.4070, 54.6117, 28.0956.



This preview shows how white text looks on a background with the XYZ color 54.4070, 54.6117,



# 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

54.4070, 54.6117, 28.0956

### Protanopia

50.7632, 54.6660, 29.3488

### Deuteranopia

55.9276, 54.7613, 28.0444



## Tritanopia

60.6351, 54.6500, 58.9825

# Trichromacy



## Original Color

54.4070, 54.6117, 28.0956

## Protanomaly

52.0127, 54.6571, 28.9276

## Deuteranomaly

55.4838, 54.8486, 28.0846

## Tritanomaly

58.0954, 54.5449, 45.9943

# Monochromacy



## Original Color

54.4070, 54.6117, 28.0956

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

51.8375, 53.8670, 45.6954

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.4070, 54.6117, 28.0956 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(229, 189, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 189, 128)  
}
```

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(229, 189, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 189, 128) }
```

## Border

The CSS property to change the border of an element to XYZ 54.4070, 54.6117, 28.0956 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(229, 189, 128) }
```



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

```
.border{ border-color:rgb(229, 189, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 189, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 189, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 189, 128); box-shadow:4px 4px 4px 4px rgb(229, 189, 128) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.4070, 54.6117, 28.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 189, 128) }
```

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

```
.background{ background-color: rgb(229,  
189, 128) }
```

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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