

Converting Colors

XYZ(56.3117, 58.9349, 27.1465)

Have a look what the booklet for
XYZ(56.3117, 58.9349, 27.1465)
contains.

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Color

**XYZ(56.3117, 58.9349,
27.1465)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C77B
RGB	229, 199, 123
RGB Percent	90%, 78%, 48%
CMY	0.1020, 0.2196, 0.5176
CMYK	0.00, 0.13, 0.46, 0.10
HSL	43°, 67%, 69%
HSV	43°, 46%, 90%
XYZ	56.3117, 58.9349, 27.1465
YIQ	199.3060, 42.2760, -17.2760

Conversions

Conversions Part 2

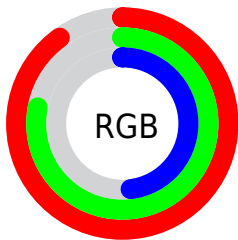
Format	Color
R _Y B	165, 229, 123
Decimal	15058811
CIE Lab	81.26, 0.74, 41.80
CIE LCh	81, 41.811, 88.990
Yxy	58.9349, 0.3955, 0.4139
Android (android.graphics.Color)	4293248891 (0xFFE5C77B)
YUV	199.3060, -37.6189, 26.0416
Hunter-Lab	76.7691, -3.4124, 32.7727

Details

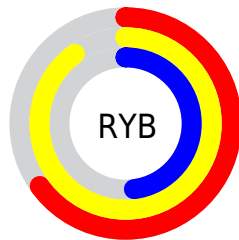
The XYZ color **56.3117, 58.9349, 27.1465** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.7022, 32.6495, 78.6544**, and the grayscale version is **54.6799, 57.5275, 62.6475**.

A 20% lighter version of the original color is **84.9358, 95.9543, 55.6394**, and **28.3084, 29.4893, 10.3309** is the 20% darker color. If you saturate the color by 10%, you get **53.5836, 55.5107, 19.9730**, and if you desaturate by 10%, it is **59.4415, 62.6257, 36.1093**.

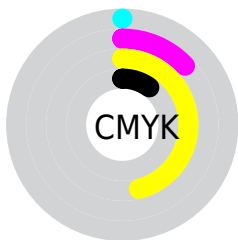
Distribution



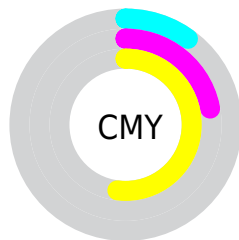
- Red (90%)
- Green (78%)
- Blue (48%)



- Red (65%)
- Yellow (90%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (46%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3117, 58.9349, 27.1465 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 56.3117, 58.9349, 27.1465 by changing the saturation by 10% instead.

■ 56.3117, 58.9349,
27.1465

■ 56.3117, 58.9349,
27.1465

400.9211,
420.6606, 302.1483

■ 40.6909, 42.5607,
17.4499

■ 98.5973, 103.2830,
56.1255

■ 28.2642, 29.5406,
10.3904

■ 125.9929,
132.0258, 76.2449

■ 18.6664, 19.4902,
5.5496

■ 158.0440,
165.6602, 100.6756

■ 11.5320, 12.0250,
2.5089

195.1161,
204.5706, 129.8362

■ 6.4958, 6.7607,
0.8449

237.5745,
249.1415, 164.1453

■ 3.1923, 3.3129,
0.0000

285.7845,

■ 1.2563, 1.2972,

299.7572, 204.0213

0.0000

340.1116,
356.8021, 249.8828

■ 0.1501, 0.1390,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3117, 58.9349,
27.1465

■ 56.3117, 58.9349,
27.1465

■ 53.5836, 55.5107,
19.9730

■ 59.4415, 62.6257,
36.1093

■ 51.2284, 52.3338,
14.4601


■ 62.9909, 66.5850,
46.9710


■ 49.2198, 49.3947,
10.4673


■ 66.9817, 70.8249,
59.8366


■ 47.5258, 46.6792,
7.8294

■ 71.4329, 75.3542,
74.8022


 46.1063, 44.1699,
6.3397


 76.3623, 80.1811,
91.9577

 45.6244, 43.2806,
5.9493

 80.9044, 84.9606,
106.7427

 82.8239, 88.7997,
107.3825

 84.8121, 92.7760,
108.0452

 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.



65.1021, 58.9349, 31.1944



56.3117, 58.9349, 27.1465



48.2788, 58.9349, 30.6744

Triad

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



56.3117, 58.9349, 27.1465



42.5968, 58.9349, 90.3598



71.6444, 58.9349, 92.2128

Complementary

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



56.3117, 58.9349, 27.1465



33.7022, 32.6495, 78.6544

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.



64.5383, 58.9349, 115.9812



56.3117, 58.9349, 27.1465



47.8170, 58.9349, 114.7308

Square

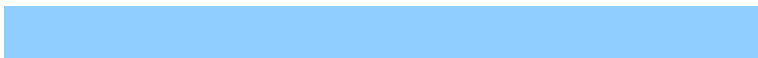
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3117, 58.9349, 27.1465



40.8731, 58.9349, 63.3280



55.7210, 58.9349, 125.1249



74.5010, 58.9349, 65.0196

Rectangle

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



56.3117, 58.9349, 27.1465



44.2960, 58.9349, 37.5444



55.7210, 58.9349, 125.1249



69.6395, 58.9349, 101.1033

Sweetspot

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



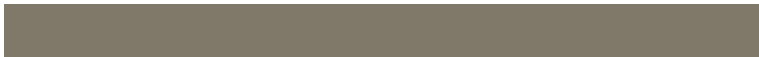
56.3131, 58.9377, 27.1477



86.6873, 91.6334, 80.3432



45.1490, 33.1255, 34.1664



18.3015, 19.3515, 16.3586



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.



56.3131, 58.9377, 27.1477



68.3725, 70.8277, 25.4552



57.0575, 70.5953, 29.3586



15.2389, 16.0917, 15.2073



26.1929, 24.9600, 3.4372



2.0135, 2.0003, 0.2800

Inverse Universe

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



33.7022, 32.6495, 78.6544



36.0847, 33.3322, 99.1396



33.0745, 25.9317, 77.3908



13.9133, 14.5479, 18.2191



9.2487, 5.5595, 42.9688



0.7604, 0.5648, 3.2009

Previews

White Background



This preview shows how the XYZ color 56.3117, 58.9349, 27.1465 looks on a white background.

Color Contrast Check

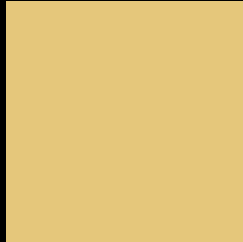
Large Text (above 18pt) WCAG AA × Fail

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 56.3117, 58.9349, 27.1465 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 56.3117, 58.9349, 27.1465

Background



This preview shows how black text looks on a background with the XYZ color 56.3117, 58.9349, 27.1465.



This preview shows how white text looks on a background with the XYZ color 56.3117, 58.9349,

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

56.3117, 58.9349, 27.1465

Protanopia

54.5774, 59.0684, 27.5936

Deuteranopia

60.0163, 58.8283, 27.2606



Tritanopia

64.0217, 58.7594, 65.0941

Trichromacy



Original Color

56.3117, 58.9349, 27.1465

Protanomaly

55.2652, 59.0758, 27.5588

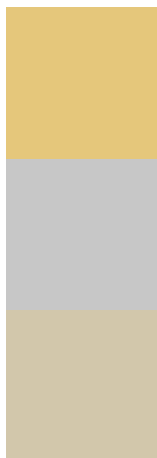
Deuteranomaly

58.7498, 58.8362, 27.3289

Tritanomaly

60.7395, 58.7275, 48.6917

Monochromacy



Original Color

56.3117, 58.9349, 27.1465

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.3525, 57.4888, 46.7598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3117, 58.9349, 27.1465 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, 199, 123)` looks like.

```
.text, #text, p{  
    color:rgb(229, 199, 123)  
}
```

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, 199, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 123) }
```

Border

The CSS property to change the border of an element to XYZ 56.3117, 58.9349, 27.1465 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, 199, 123) }
```


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

```
.border{ border-color:rgb(229, 199, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 199, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 123);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3117, 58.9349, 27.1465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 123) }
```

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

```
.background{ background-color: rgb(229,  
199, 123) }
```

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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