

Converting Colors

XYZ(58.3589, 55.4117, 27.0217)

Have a look what the booklet for
XYZ(58.3589, 55.4117, 27.0217)
contains.

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Color

**XYZ(58.3589, 55.4117,
27.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B97D
RGB	244, 185, 125
RGB Percent	96%, 73%, 49%
CMY	0.0431, 0.2745, 0.5098
CMYK	0.00, 0.24, 0.49, 0.04
HSL	30°, 84%, 72%
HSV	30°, 49%, 96%
XYZ	58.3589, 55.4117, 27.0217
YIQ	195.8010, 54.4240, -6.1520

Conversions

Conversions Part 2

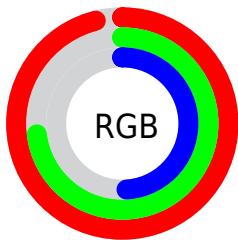
Format	Color
R _Y B	242, 244, 125
Decimal	16038269
CIE Lab	79.28, 14.29, 38.59
CIE LCh	79, 41.149, 69.678
Yxy	55.4117, 0.4145, 0.3936
Android (android.graphics.Color)	4294228349 (0xFFF4B97D)
YUV	195.8010, -34.9049, 42.2705
Hunter-Lab	74.4390, 9.6726, 30.5848

Details

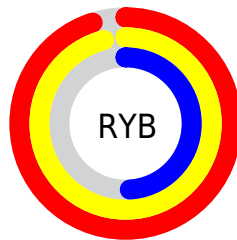
The XYZ color **58.3589, 55.4117, 27.0217** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9263, 45.1708, 92.0969**, and the grayscale version is **52.5310, 55.2667, 60.1855**.

A 20% lighter version of the original color is **80.7312, 87.3849, 54.7315**, and **29.5288, 27.3248, 10.3745** is the 20% darker color. If you saturate the color by 10%, you get **54.5640, 50.0175, 18.9884**, and if you desaturate by 10%, it is **62.7547, 61.3950, 37.1452**.

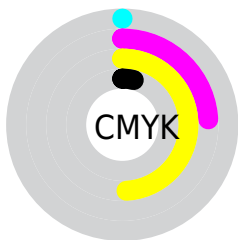
Distribution



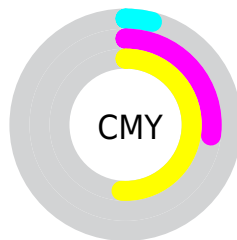
- Red (96%)
- Green (73%)
- Blue (49%)



- Red (95%)
- Yellow (96%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3589, 55.4117, 27.0217 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 58.3589, 55.4117, 27.0217 by changing the saturation by 10% instead.


 58.3589, 55.4117,
27.0217


 58.3589, 55.4117,
27.0217


408.4543,
407.4707, 301.5257


 42.3416, 39.7314,
17.3569


 101.5653, 98.1439,
55.9228

 29.5612, 27.3292,
10.3247


 129.4851,
125.9646, 75.9963

 19.6522, 17.8206,
5.5063

 162.1032,
158.6010, 100.3764

 12.2492, 10.8213,
2.4834

199.7848,
196.4373, 129.4817

 6.9871, 5.9468,
0.8313

242.8954,
239.8581, 163.7308

 3.5003, 2.8128,
0.0000

291.8002,

 1.4235, 1.0348,

289.2476, 203.5421

0.0000

346.8648,
344.9903, 249.3342

■ 0.2729, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3589, 55.4117,
27.0217

■ 58.3589, 55.4117,
27.0217

■ 54.5640, 50.0175,
18.9884

■ 62.7547, 61.3950,
37.1452

■ 51.3320, 45.1824,
12.8899

■ 67.7782, 67.9800,
49.4923

■ 48.6263, 40.8848,
8.5541

■ 73.4590, 75.1886,
64.1894

■ 46.4026, 37.0978,
5.7764

■ 79.8237, 83.0392,
81.3519

■ 44.5982, 33.7868,
4.2571

■ 86.8972, 91.5491,
101.0879

■ 44.3956, 33.4080,
4.1085

■ 91.1182, 97.9731,
108.7160

Harmonies

Analogous

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



65.8155, 55.4117, 35.7687



58.3589, 55.4117, 27.0217



50.0503, 55.4117, 25.7673

Triad

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



58.3589, 55.4117, 27.0217



38.5518, 55.4117, 68.2814



63.4355, 55.4117, 102.3895

Complementary

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



58.3589, 55.4117, 27.0217



41.9263, 45.1708, 92.0969

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.



55.3736, 55.4117, 116.9733



58.3589, 55.4117, 27.0217



41.3981, 55.4117, 94.1587

Square

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



58.3589, 55.4117, 27.0217



39.1725, 55.4117, 45.9177



47.3581, 55.4117, 113.6211



68.9517, 55.4117, 77.4899

Rectangle

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



58.3589, 55.4117, 27.0217



45.2111, 55.4117, 28.8928



47.3581, 55.4117, 113.6211



60.9009, 55.4117, 108.9213

Sweetspot

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



58.3603, 55.4144, 27.0228



83.7381, 86.2693, 77.7134



53.3464, 37.3825, 50.0270



17.6133, 18.0802, 15.8052



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.



58.3603, 55.4144, 27.0228



60.1717, 55.0807, 20.7039



73.3606, 85.4150, 32.0229



17.1897, 17.8636, 17.3396



24.2769, 18.4395, 2.2796



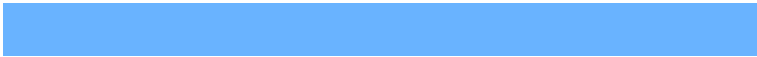
2.2365, 1.8263, 0.2346

Inverse Universe

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



41.9263, 45.1708, 92.0969



39.9703, 42.4908, 100.7026



32.1207, 25.5595, 88.8283



16.2597, 17.2838, 21.0217



12.7307, 11.2552, 48.0395



1.2216, 1.1946, 4.2564

Previews

White Background



This preview shows how the XYZ color 58.3589, 55.4117, 27.0217 looks on a white background.

Color Contrast Check

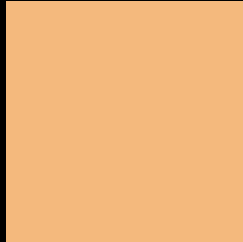
Large Text (above 18pt) WCAG AA × Fail

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 58.3589, 55.4117, 27.0217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

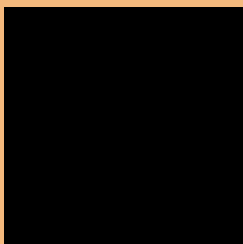
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3589, 55.4117, 27.0217

Background



This preview shows how black text looks on a background with the XYZ color 58.3589, 55.4117, 27.0217.



This preview shows how white text looks on a background with the XYZ color 58.3589, 55.4117,

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

58.3589, 55.4117, 27.0217

Protanopia

51.7271, 55.8404, 29.1711

Deuteranopia

56.5464, 55.4262, 26.7868



Tritanopia

64.4407, 55.4860, 56.0287

Trichromacy



Original Color

58.3589, 55.4117, 27.0217

Protanomaly

54.0176, 55.7060, 28.3274

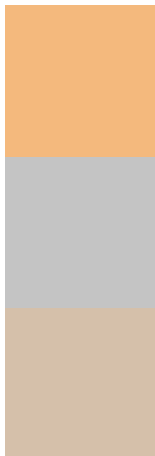
Deuteranomaly

57.3436, 55.5211, 26.7631

Tritanomaly

61.9156, 55.3521, 43.4971

Monochromacy



Original Color

58.3589, 55.4117, 27.0217

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.5459, 54.7477, 45.7754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3589, 55.4117, 27.0217 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(244, 185, 125)` looks like.

```
.text, #text, p{  
    color:rgb(244, 185, 125)  
}
```

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(244, 185, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 185, 125) }
```

Border

The CSS property to change the border of an element to XYZ 58.3589, 55.4117, 27.0217 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(244, 185, 125) }
```


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

```
.border{ border-color:rgb(244, 185, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 185, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 185, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 185, 125);  
box-shadow:4px 4px 4px 4px rgb(244, 185,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3589, 55.4117, 27.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 185, 125) }
```

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

```
.background{ background-color: rgb(244,  
185, 125) }
```

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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