

Converting Colors

XYZ(58.0911, 56.7232, 27.7515)

Have a look what the booklet for
XYZ(58.0911, 56.7232, 27.7515)
contains.

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Color

**XYZ(58.1145, 56.8585,
27.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BE7E
RGB	240, 190, 126
RGB Percent	94%, 75%, 49%
CMY	0.0588, 0.2549, 0.5059
CMYK	0.00, 0.21, 0.47, 0.06
HSL	34°, 79%, 72%
HSV	34°, 47%, 94%
XYZ	58.1145, 56.8585, 27.6505
YIQ	197.6540, 50.3440, -9.3040

Conversions

Conversions Part 2

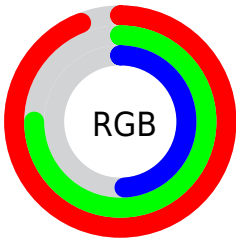
Format	Color
R _Y B	215, 240, 126
Decimal	15777406
CIE Lab	80.10, 10.15, 39.04
CIE LCh	80, 40.337, 75.421
Yxy	56.8585, 0.4075, 0.3987
Android (android.graphics.Color)	4293967486 (0xFFFF0BE7E)
YUV	197.6540, -35.3254, 37.1374
Hunter-Lab	75.4046, 5.6124, 31.0418

Details

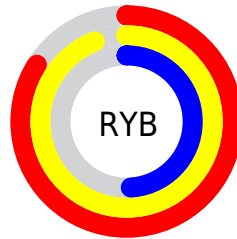
The XYZ color **58.1145, 56.8585, 27.6505** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.8571, 41.7759, 88.4007**, and the grayscale version is **53.6538, 56.4480, 61.4719**.

A 20% lighter version of the original color is **82.4340, 90.4668, 56.2971**, and **29.5416, 28.3582, 10.7541** is the 20% darker color. If you saturate the color by 10%, you get **54.5501, 51.9179, 19.7170**, and if you desaturate by 10%, it is **62.2178, 62.2824, 37.5975**.

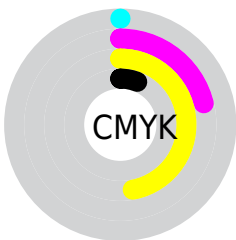
Distribution



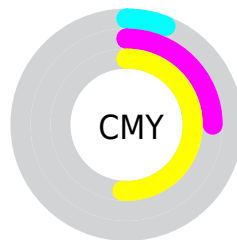
- Red (94%)
- Green (75%)
- Blue (49%)



- Red (84%)
- Yellow (94%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1145, 56.8585, 27.6505 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 58.1145, 56.8585, 27.6505 by changing the saturation by 10% instead.


 58.1145, 56.8585,
27.6505

 58.1145, 56.8585,
27.6505


407.5594,
412.9189, 304.6523


 42.1443, 40.8916,
17.8256


 101.2116,
100.2587, 56.9423

 29.4059, 28.2344,
10.6567


 129.0692,
128.4608, 77.2464

 19.5339, 18.5025,
5.7253


 161.6200,
161.5102, 101.8805

 12.1630, 11.3113,
2.6127

199.2294,
199.7911, 131.2634

 6.9278, 6.2766,
0.8990

242.2627,
243.6881, 165.8134

 3.4629, 3.0140,
0.0000

291.0852,

 1.4030, 1.1391,

293.5854, 205.9492

0.0000

346.0623,
349.8676, 252.0894

■ 0.2584, 0.0111,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1145, 56.8585,
27.6505

■ 58.1145, 56.8585,
27.6505

■ 54.5501, 51.9179,
19.7170

■ 62.2178, 62.2824,
37.5975

■ 51.4901, 47.4348,
13.6501


■ 66.8835, 68.1979,
49.6838


■ 48.9014, 43.3925,
9.2885


■ 72.1386, 74.6231,
64.0288


■ 46.7445, 39.7692,
6.4410


■ 78.0068, 81.5726,
80.7423

 44.9678, 36.5381,
4.8548

 84.5104, 89.0602,
99.9265

 44.5639, 35.7830,
4.5580

 89.1599, 96.0950,
108.4567

 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



65.8982, 56.8585, 34.9652



58.1145, 56.8585, 27.6505



49.9520, 56.8585, 27.7511

Triad

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



58.1145, 56.8585, 27.6505



40.2069, 56.8585, 74.7274



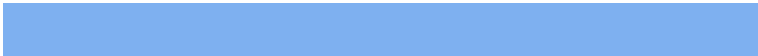
66.0857, 56.8585, 99.3769

Complementary

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



58.1145, 56.8585, 27.6505



39.8571, 41.7759, 88.4007

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.



58.3501, 56.8585, 116.5256



58.1145, 56.8585, 27.6505



43.7012, 56.8585, 100.0225

Square

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



58.1145, 56.8585, 27.6505



40.1577, 56.8585, 51.2112



50.1649, 56.8585, 116.7880



70.8069, 56.8585, 74.0021

Rectangle

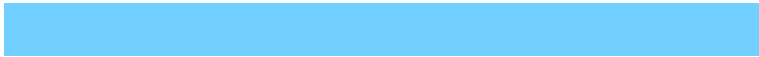
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1145, 56.8585, 27.6505



45.3988, 56.8585, 31.8894



50.1649, 56.8585, 116.7880



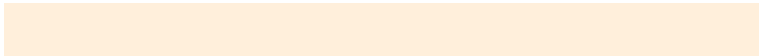
63.7187, 56.8585, 106.5488

Sweetspot

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



58.1159, 56.8612, 27.6516



85.0330, 88.3248, 79.7918



51.3620, 36.6338, 46.1164



17.8973, 18.5430, 16.2239



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.



58.1159, 56.8612, 27.6516



62.7224, 59.7520, 22.8796



68.9562, 81.3696, 31.8109



16.5091, 17.2313, 16.6056



24.5299, 19.8579, 2.5401



2.1396, 1.8498, 0.2443

Inverse Universe

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



39.8571, 41.7759, 88.4007



39.4560, 40.5507, 100.3553



32.6584, 26.0950, 85.7534



15.4676, 16.3694, 20.0660



11.5165, 9.2573, 46.3077



1.0555, 0.9649, 3.8848

Previews

White Background



This preview shows how the XYZ color 58.1145, 56.8585, 27.6505 looks on a white background.

Color Contrast Check

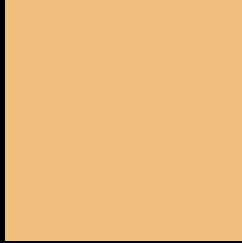
Large Text (above 18pt) WCAG AA × Fail

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 58.1145, 56.8585, 27.6505 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 58.1145, 56.8585, 27.6505

Background



This preview shows how black text looks on a background with the XYZ color 58.1145, 56.8585, 27.6505.



This preview shows how white text looks on a background with the XYZ color 58.1145, 56.8585,

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

58.1145, 56.8585, 27.6505

Protanopia

52.7048, 57.0308, 28.9991

Deuteranopia

58.1145, 56.8585, 27.6505



Tritanopia

64.3802, 56.5807, 59.1577

Trichromacy



Original Color

58.1145, 56.8585, 27.6505

Protanomaly

54.6875, 57.0459, 28.5507

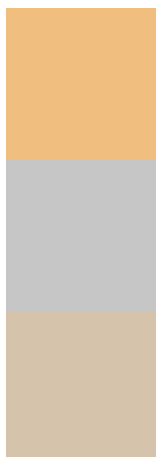
Deuteranomaly

58.1145, 56.8585, 27.6505

Tritanomaly

61.7044, 56.4164, 45.6675

Monochromacy



Original Color

58.1145, 56.8585, 27.6505

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4021, 56.1549, 47.0014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1145, 56.8585, 27.6505 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(240, 190, 126)` looks like.

```
.text, #text, p{  
    color:rgb(240, 190, 126)  
}
```

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(240, 190, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 190, 126) }
```

Border

The CSS property to change the border of an element to XYZ 58.1145, 56.8585, 27.6505 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(240, 190, 126) }
```


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

```
.border{ border-color:rgb(240, 190, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 190, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 190, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 190, 126);  
box-shadow:4px 4px 4px 4px rgb(240, 190,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1145, 56.8585, 27.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 190, 126) }
```

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

```
.background{ background-color: rgb(240,  
190, 126) }
```

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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