

Converting Colors

XYZ(58.5793, 56.5180, 34.8123)

Have a look what the booklet for
XYZ(58.5793, 56.5180, 34.8123)
contains.

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Color

**XYZ(58.6458, 56.6477,
35.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBD92
RGB	238, 189, 146
RGB Percent	93%, 74%, 57%
CMY	0.0667, 0.2588, 0.4274
CMYK	0.00, 0.21, 0.39, 0.07
HSL	28°, 73%, 75%
HSV	28°, 39%, 93%
XYZ	58.6458, 56.6477, 35.0373
YIQ	198.7490, 43.0070, -2.9850

Conversions

Conversions Part 2

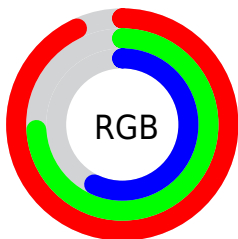
Format	Color
R _Y B	238, 227, 146
Decimal	15646098
CIE Lab	79.98, 11.96, 28.43
CIE LCh	80, 30.843, 67.194
Yxy	56.6477, 0.3901, 0.3768
Android (android.graphics.Color)	4293836178 (0xFFEEBD92)
YUV	198.7490, -26.0053, 34.4231
Hunter-Lab	75.2647, 7.3730, 25.0845

Details

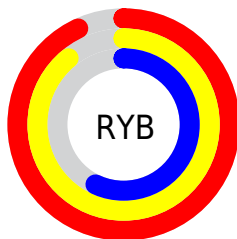
The XYZ color **58.6458, 56.6477, 35.0373** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.8011, 51.3124, 88.3264**, and the grayscale version is **54.2694, 57.0957, 62.1772**.

A 20% lighter version of the original color is **84.3177, 90.7349, 67.7132**, and **29.6921, 28.1378, 14.6927** is the 20% darker color. If you saturate the color by 10%, you get **54.3756, 50.7681, 25.4113**, and if you desaturate by 10%, it is **63.5425, 63.1634, 46.7747**.

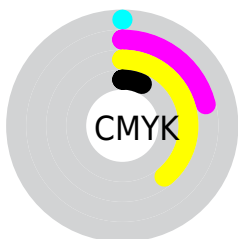
Distribution



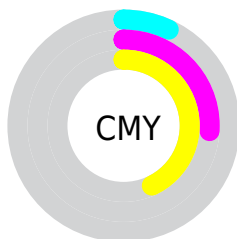
- Red (93%)
- Green (74%)
- Blue (57%)



- Red (93%)
- Yellow (89%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6458, 56.6477, 35.0373 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 58.6458, 56.6477, 35.0373 by changing the saturation by 10% instead.


 58.6458, 56.6477,
35.0373


 58.6458, 56.6477,
35.0373


409.5032,
412.1279, 339.6422

 42.5733, 40.7225,
23.4078


 101.9803, 99.9510,
68.6958

 29.7436, 28.1023,
14.6868


 129.9730,
128.0978, 91.5619

 19.7911, 18.4028,
8.4557

162.6698,
161.0872, 119.0106

 12.3507, 11.2395,
4.2960

200.4361,
199.3037, 151.4604

 7.0569, 6.2282,
1.7891

243.6373,
243.1316, 189.3300

 3.5443, 2.9843,
0.4207

292.6386,

 1.4477, 1.1236,

292.9553, 233.0377

0.0000

347.8055,
349.1593, 283.0023

■ 0.2899, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6458, 56.6477,
35.0373

■ 58.6458, 56.6477,
35.0373

■ 54.3756, 50.7681,
25.4113

■ 63.5425, 63.1634,
46.7747

■ 50.6976, 45.4948,
17.7643

■ 69.0894, 70.3276,
60.7380

■ 47.5800, 40.8072,
11.9542

■ 75.3139, 78.1626,
77.0374

■ 44.9857, 36.6797,
7.8180

■ 82.2405, 86.6867,
95.7748

■ 42.8717, 33.0842,
5.1633

■ 88.2396, 95.2567,
108.3434

■ 41.1778, 29.9850,
3.7093

■ 89.0698, 96.9171,
108.6201

■ 40.9719, 29.6013,
3.5542

Harmonies

Analogous

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



64.0156, 56.6477, 43.0920



58.6458, 56.6477, 35.0373



52.3479, 56.6477, 33.4004

Triad

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



58.6458, 56.6477, 35.0373



42.7565, 56.6477, 66.1003



61.4547, 56.6477, 93.4333

Complementary

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



58.6458, 56.6477, 35.0373



46.8011, 51.3124, 88.3264

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.



55.3641, 56.6477, 102.6132



58.6458, 56.6477, 35.0373



44.8076, 56.6477, 84.9655

Square

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



58.6458, 56.6477, 35.0373



43.4866, 56.6477, 49.2543



49.3078, 56.6477, 99.2465



65.7231, 56.6477, 76.0366

Rectangle

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



58.6458, 56.6477, 35.0373



48.5240, 56.6477, 35.8084



49.3078, 56.6477, 99.2465



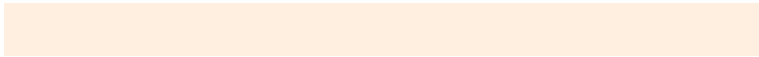
59.5349, 56.6477, 97.7219

Sweetspot

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



58.6472, 56.6504, 35.0384



85.5288, 88.2233, 83.3267



55.3970, 42.6786, 56.9878



18.1002, 18.6241, 17.2930



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.



58.6472, 56.6504, 35.0384



64.7724, 61.0195, 32.2951



70.1375, 79.6309, 38.8685



16.3819, 16.9770, 16.5632



22.9852, 16.7685, 2.0252



2.0109, 1.5924, 0.2014

Inverse Universe

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



46.8011, 51.3124, 88.3264



49.1749, 53.9842, 102.4359



38.0453, 33.8007, 85.4078



15.5943, 16.6227, 20.1082



12.9566, 12.1375, 46.7878



1.1774, 1.2088, 3.9255

Previews

White Background



This preview shows how the XYZ color 58.6458, 56.6477, 35.0373 looks on a white background.

Color Contrast Check

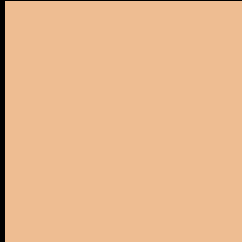
Large Text (above 18pt) WCAG AA × Fail

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 58.6458, 56.6477, 35.0373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

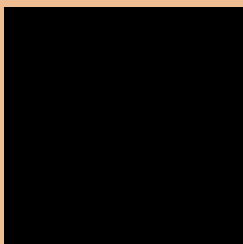
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6458, 56.6477, 35.0373

Background



This preview shows how black text looks on a background with the XYZ color 58.6458, 56.6477, 35.0373.



This preview shows how white text looks on a background with the XYZ color 58.6458, 56.6477,

35.0373.

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

58.6458, 56.6477, 35.0373

Protanopia

52.8505, 56.5872, 36.9911

Deuteranopia

57.8627, 56.5644, 35.0625



Tritanopia

63.6539, 56.4961, 59.7745

Trichromacy



Original Color

58.6458, 56.6477, 35.0373

Protanomaly

54.7587, 56.5723, 36.4672

Deuteranomaly

58.1938, 56.7351, 35.0780

Tritanomaly

61.6605, 56.6130, 49.7970

Monochromacy



Original Color

58.6458, 56.6477, 35.0373

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1939, 56.4716, 51.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6458, 56.6477, 35.0373 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(238, 189, 146)` looks like.

```
.text, #text, p{  
    color:rgb(238, 189, 146)  
}
```

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(238, 189, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 189, 146) }
```

Border

The CSS property to change the border of an element to XYZ 58.6458, 56.6477, 35.0373 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(238, 189, 146) }
```


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

```
.border{ border-color:rgb(238, 189, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 189, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 189, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 189, 146);  
box-shadow:4px 4px 4px 4px rgb(238, 189,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6458, 56.6477, 35.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 189, 146) }
```

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

```
.background{ background-color: rgb(238,  
189, 146) }
```

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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