

Converting Colors

XYZ(60.3352, 58.9158, 30.7461)

Have a look what the booklet for
XYZ(60.3352, 58.9158, 30.7461)
contains.

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Color

**XYZ(60.3352, 58.9158,
30.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C186
RGB	243, 193, 134
RGB Percent	95%, 76%, 53%
CMY	0.0471, 0.2431, 0.4745
CMYK	0.00, 0.21, 0.45, 0.05
HSL	32°, 82%, 74%
HSV	32°, 45%, 95%
XYZ	60.3352, 58.9158, 30.7461
YIQ	201.2240, 48.7390, -7.7490

Conversions

Conversions Part 2

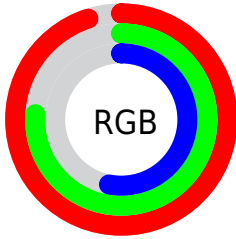
Format	Color
R _Y B	226, 243, 134
Decimal	15974790
CIE Lab	81.25, 10.55, 36.45
CIE LCh	81, 37.950, 73.852
Yxy	58.9158, 0.4022, 0.3928
Android (android.graphics.Color)	4294164870 (0xFFFF3C186)
YUV	201.2240, -33.1414, 36.6376
Hunter-Lab	76.7566, 5.9873, 29.9801

Details

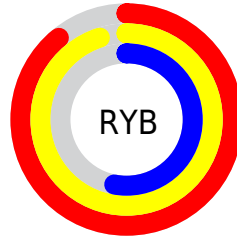
The XYZ color **60.3352, 58.9158, 30.7461** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.1490, 45.8187, 91.3637**, and the grayscale version is **55.8356, 58.7434, 63.9715**.

A 20% lighter version of the original color is **84.1928, 92.6422, 61.0213**, and **30.9470, 29.6950, 12.2842** is the 20% darker color. If you saturate the color by 10%, you get **56.4598, 53.5728, 22.0317**, and if you desaturate by 10%, it is **64.7887, 64.7916, 41.5754**.

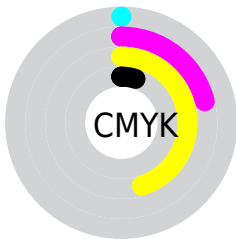
Distribution



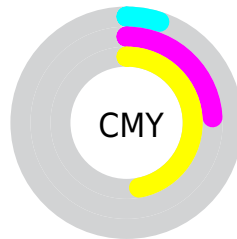
- Red (95%)
- Green (76%)
- Blue (53%)



- Red (89%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3352, 58.9158, 30.7461 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 60.3352, 58.9158, 30.7461 by changing the saturation by 10% instead.


 60.3352, 58.9158,
30.7461


 60.3352, 58.9158,
30.7461


415.6472,
420.5898, 319.6818


 43.9394, 42.5453,
20.1487


 104.4193,
103.2553, 61.9150

 30.8205, 29.5285,
12.3181


 132.8384,
131.9931, 83.3236

 20.6134, 19.4810,
6.8355


 165.9958,
165.6221, 109.1731

 12.9525, 12.0184,
3.2826

204.2571,
204.5268, 139.8819

 7.4727, 6.7562,
1.2407

247.9875,
249.0915, 175.8686

 3.8084, 3.3101,
0.0124

297.5524,

 1.5943, 1.2957,

299.7007, 217.5518

0.0000

353.3172,
356.7386, 265.3500

■ 0.3887, 0.1379,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3352, 58.9158,
30.7461

■ 60.3352, 58.9158,
30.7461

■ 56.4598, 53.5728,
22.0317

■ 64.7887, 64.7916,
41.5754

■ 53.1270, 48.7352,
15.2850

■ 69.8442, 71.2095,
54.6464

■ 50.3035, 44.3853,
10.3452

■ 75.5296, 78.1888,
70.0797

■ 47.9495, 40.5000,
7.0241

■ 81.8693, 85.7454,
87.9864

■ 46.0169, 37.0530,
5.0907

■ 88.8057, 93.8618,
108.0443

■ 45.1517, 35.4338,
4.4597

■ 90.7721, 97.7947,
108.6998

Harmonies

Analogous

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



67.6975, 58.9158, 38.4564



60.3352, 58.9158, 30.7461



52.4347, 58.9158, 30.4703

Triad

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



60.3352, 58.9158, 30.7461



42.4905, 58.9158, 75.1533



67.2096, 58.9158, 100.9673

Complementary

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



60.3352, 58.9158, 30.7461



43.1490, 45.8187, 91.3637

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.



59.7186, 58.9158, 116.4167



60.3352, 58.9158, 30.7461



45.7301, 58.9158, 99.3065

Square

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



60.3352, 58.9158, 30.7461



42.6218, 58.9158, 52.7812



51.8732, 58.9158, 115.7459



71.9146, 58.9158, 77.0426

Rectangle

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



60.3352, 58.9158, 30.7461



47.9453, 58.9158, 34.3481



51.8732, 58.9158, 115.7459



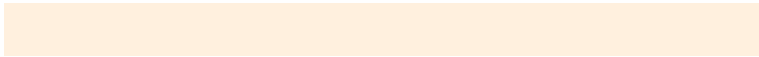
64.9047, 58.9158, 107.5503

Sweetspot

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



60.3367, 58.9186, 30.7473



85.5045, 88.7255, 81.6211



54.2305, 39.6026, 50.6115



17.9815, 18.6048, 16.5809



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.



60.3367, 58.9186, 30.7473



63.2834, 60.1812, 25.2030



72.0743, 84.2370, 35.0156



17.2424, 17.9689, 17.3571



24.9175, 19.7205, 2.4931



2.2927, 1.9387, 0.2534

Inverse Universe

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



43.1490, 45.8187, 91.3637



41.8404, 43.8506, 100.8665



35.1240, 28.8940, 88.5198



16.2074, 17.1791, 21.0042



12.1574, 10.1087, 47.8484



1.1700, 1.0915, 4.2392

Previews

White Background



This preview shows how the XYZ color 60.3352, 58.9158, 30.7461 looks on a white background.

Color Contrast Check

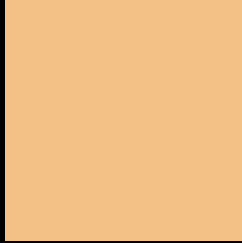
Large Text (above 18pt) WCAG AA × Fail

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 60.3352, 58.9158, 30.7461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

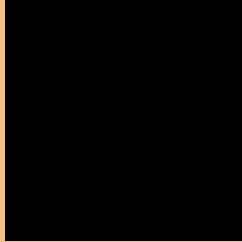
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3352, 58.9158, 30.7461

Background



This preview shows how black text looks on a background with the XYZ color 60.3352, 58.9158, 30.7461.



This preview shows how white text looks on a background with the XYZ color 60.3352, 58.9158,

30.7461.

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

60.3352, 58.9158, 30.7461

Protanopia

54.9214, 59.1361, 32.5645

Deuteranopia

59.9910, 58.7384, 30.7300



Tritanopia

66.7247, 58.9612, 61.8967

Trichromacy



Original Color

60.3352, 58.9158, 30.7461

Protanomaly

56.9337, 59.1470, 32.0827

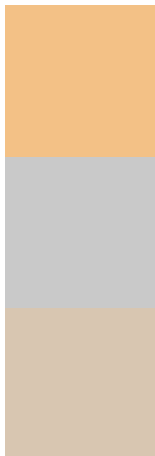
Deuteranomaly

59.9910, 58.7384, 30.7300

Tritanomaly

64.0789, 58.8357, 48.5366

Monochromacy



Original Color

60.3352, 58.9158, 30.7461

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.4488, 58.1614, 49.8461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3352, 58.9158, 30.7461 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(243, 193, 134)` looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 134)  
}
```

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(243, 193, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 134) }
```

Border

The CSS property to change the border of an element to XYZ 60.3352, 58.9158, 30.7461 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(243, 193, 134) }
```


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

```
.border{ border-color:rgb(243, 193, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 193, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 193, 134); box-shadow:4px 4px 4px 4px rgb(243, 193, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3352, 58.9158, 30.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 134) }
```

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

```
.background{ background-color: rgb(243,  
193, 134) }
```

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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