

Converting Colors

XYZ(60.8511, 57.7664, 35.9598)

Have a look what the booklet for
XYZ(60.8511, 57.7664, 35.9598)
contains.

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Color

**XYZ(60.8511, 57.7664,
35.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BD94
RGB	244, 189, 148
RGB Percent	96%, 74%, 58%
CMY	0.0431, 0.2588, 0.4196
CMYK	0.00, 0.23, 0.39, 0.04
HSL	26°, 81%, 77%
HSV	26°, 39%, 96%
XYZ	60.8511, 57.7664, 35.9598
YIQ	200.7710, 45.9410, -1.0910

Conversions

Conversions Part 2

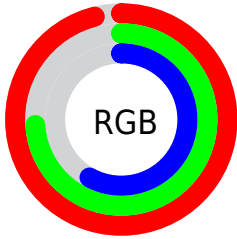
Format	Color
R _Y B	244, 220, 148
Decimal	16039316
CIE Lab	80.61, 14.52, 28.32
CIE LCh	81, 31.827, 62.857
Yxy	57.7664, 0.3937, 0.3737
Android (android.graphics.Color)	4294229396 (0xFFF4BD94)
YUV	200.7710, -26.0161, 37.9118
Hunter-Lab	76.0042, 9.9047, 25.1511

Details

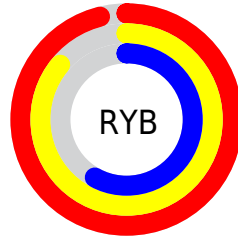
The XYZ color **60.8511, 57.7664, 35.9598** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.8970, 55.5373, 93.6778**, and the grayscale version is **55.5128, 58.4038, 63.6018**.

A 20% lighter version of the original color is **84.5531, 90.8291, 68.9525**, and **31.2115, 28.9105, 15.2445** is the 20% darker color. If you saturate the color by 10%, you get **56.2566, 51.3493, 25.8833**, and if you desaturate by 10%, it is **66.1454, 64.9314, 48.2791**.

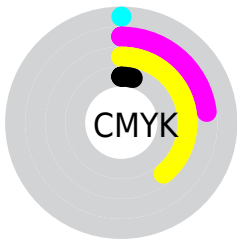
Distribution



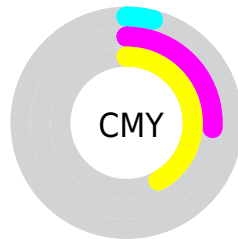
- Red (96%)
- Green (74%)
- Blue (58%)



- Red (96%)
- Yellow (86%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (39%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8511, 57.7664, 35.9598 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 60.8511, 57.7664, 35.9598 by changing the saturation by 10% instead.


 60.8511, 57.7664,
35.9598


 60.8511, 57.7664,
35.9598


417.5125,
416.3149, 343.8169

 44.3571, 41.6209,
24.1137


 105.1626,
101.5826, 70.1384

 31.1505, 28.8045,
15.2050

 133.7109,
130.0221, 93.3079

 20.8658, 18.9330,
8.8152


167.0079,
163.3283, 121.0890

 13.1379, 11.6219,
4.5257

205.4191,
201.8857, 153.9002

 7.6012, 6.4868,
1.9179

249.3098,
246.0787, 192.1601

 3.8905, 3.1433,
0.5041

299.0454,

 1.6404, 1.2070,

296.2916, 236.2871

0.0000

354.9911,
352.9089, 286.6999

■ 0.4185, 0.0674,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8511, 57.7664,
35.9598

■ 60.8511, 57.7664,
35.9598

■ 56.2566, 51.3493,
25.8833

■ 66.1454, 64.9314,
48.2791

■ 52.3237, 45.6453,
17.9077

■ 72.1665, 72.8613,
62.9643

■ 49.0165, 40.6285,
11.8797

■ 78.9452, 81.5823,
80.1337

■ 46.2932, 36.2680,
7.6238

■ 86.5091, 91.1173,
99.8964

■ 44.1055, 32.5293,
4.9315

■ 91.1182, 97.9731,
108.7160

■ 42.3828, 29.3682,
3.4808

■ 42.2809, 29.1784,
3.4036

Harmonies

Analogous

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



66.1740, 57.7664, 45.2941



60.8511, 57.7664, 35.9598



54.2800, 57.7664, 33.3228

Triad

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



60.8511, 57.7664, 35.9598



43.2670, 57.7664, 64.7124



62.0227, 57.7664, 98.3059

Complementary

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



60.8511, 57.7664, 35.9598



49.8970, 55.5373, 93.6778

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.



55.5352, 57.7664, 106.2169



60.8511, 57.7664, 35.9598



44.9944, 57.7664, 84.5573

Square

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



60.8511, 57.7664, 35.9598



44.4470, 57.7664, 47.8416



49.3599, 57.7664, 100.7465



66.8873, 57.7664, 80.8216

Rectangle

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



60.8511, 57.7664, 35.9598



50.1588, 57.7664, 35.1807



49.3599, 57.7664, 100.7465



59.9420, 57.7664, 102.3143

Sweetspot

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



60.8526, 57.7691, 35.9610



85.1695, 87.5047, 83.2070



58.7975, 44.7731, 62.6702



18.0158, 18.4553, 17.2648



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.



60.8526, 57.7691, 35.9610



63.2549, 58.2759, 30.8916



72.6491, 81.3622, 39.8931



17.0811, 17.6463, 17.3034



23.1192, 16.1240, 1.8937



2.1317, 1.6166, 0.1997

Inverse Universe

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



49.8970, 55.5373, 93.6778



49.6129, 55.4776, 102.7011



40.4309, 36.6052, 90.5224



16.3694, 17.5030, 21.0582



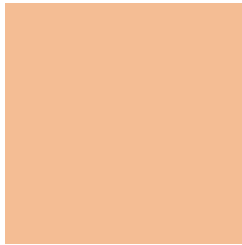
14.0989, 13.9916, 48.4956



1.3410, 1.4334, 4.2962

Previews

White Background



This preview shows how the XYZ color 60.8511, 57.7664, 35.9598 looks on a white background.

Color Contrast Check

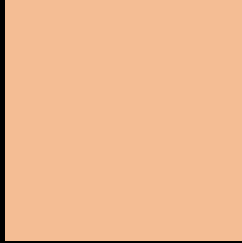
Large Text (above 18pt) WCAG AA × Fail

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 60.8511, 57.7664, 35.9598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

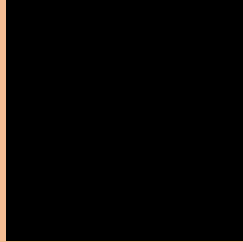
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8511, 57.7664, 35.9598

Background



This preview shows how black text looks on a background with the XYZ color 60.8511, 57.7664, 35.9598.



This preview shows how white text looks on a background with the XYZ color 60.8511, 57.7664,

35.9598.

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

60.8511, 57.7664, 35.9598

Protanopia

54.1356, 57.9046, 38.4604

Deuteranopia

59.0411, 57.8104, 35.6505



Tritanopia

65.7587, 57.5812, 59.8730

Trichromacy



Original Color

60.8511, 57.7664, 35.9598

Protanomaly

56.3772, 57.7218, 37.4482

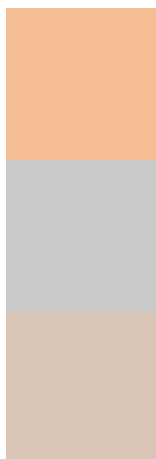
Deuteranomaly

59.8324, 57.8935, 35.6248

Tritanomaly

63.8434, 57.7268, 50.4253

Monochromacy



Original Color

60.8511, 57.7664, 35.9598

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.0250, 58.0616, 52.4574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8511, 57.7664, 35.9598 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, 189, 148)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 148)  
}
```

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, 189, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 148) }
```

Border

The CSS property to change the border of an element to XYZ 60.8511, 57.7664, 35.9598 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, 189, 148) }
```


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

```
.border{ border-color:rgb(244, 189, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 189, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 148);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8511, 57.7664, 35.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 148) }
```

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

```
.background{ background-color: rgb(244,  
189, 148) }
```

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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