

Converting Colors

XYZ(63.2452, 64.6272, 37.3401)

Have a look what the booklet for
XYZ(63.2452, 64.6272, 37.3401)
contains.

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Color

**XYZ(63.3518, 64.8060,
37.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CE94
RGB	240, 206, 148
RGB Percent	94%, 81%, 58%
CMY	0.0588, 0.1921, 0.4196
CMYK	0.00, 0.14, 0.38, 0.06
HSL	38°, 75%, 76%
HSV	38°, 38%, 94%
XYZ	63.3518, 64.8060, 37.1868
YIQ	209.5540, 38.8820, -10.8300

Conversions

Conversions Part 2

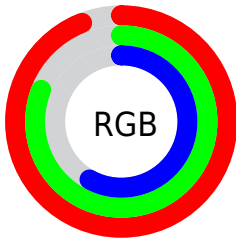
Format	Color
R _Y B	202, 240, 148
Decimal	15781524
CIE Lab	84.38, 4.07, 33.28
CIE LCh	84, 33.524, 83.023
Yxy	64.8060, 0.3832, 0.3919
Android (android.graphics.Color)	4293971604 (0xFFFF0CE94)
YUV	209.5540, -30.3461, 26.7011
Hunter-Lab	80.5022, -0.4069, 28.9634

Details

The XYZ color **63.3518, 64.8060, 37.1868** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6684, 46.0416, 88.9707**, and the grayscale version is **61.1423, 64.3264, 70.0515**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **32.9143, 33.3868, 16.0188** is the 20% darker color. If you saturate the color by 10%, you get **59.5710, 59.9757, 27.5062**, and if you desaturate by 10%, it is **67.6502, 70.0408, 48.9844**.

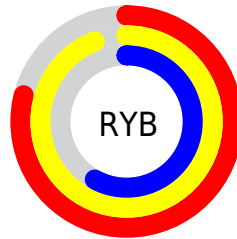
Distribution



Red (94%)

Green (81%)

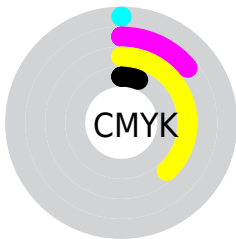
Blue (58%)



Red (79%)

Yellow (94%)

Blue (58%)

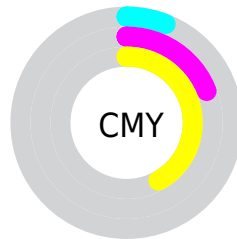


Cyan (0%)

Magenta (14%)

Yellow (38%)

Black (6%)



Cyan (6%)


Magenta (19%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3518, 64.8060, 37.1868 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 63.3518, 64.8060, 37.1868 by changing the saturation by 10% instead.


 63.3518, 64.8060,
37.1868

 63.3518, 64.8060,
37.1868


426.4845,
442.0945, 349.3116

 46.3856, 47.3038,
25.0552


 108.7559,
111.7709, 72.0495

 32.7561, 33.2759,
15.8988

 137.9244,
142.0024, 95.6178

 22.0980, 22.3379,
9.2990

171.8911,
177.2457, 123.8353

 14.0459, 14.1054,
4.8373

211.0214,
217.8854, 157.1207

 8.2345, 8.1940,
2.0950

255.6805,
264.3057, 195.8925

 4.2985, 4.2193,
0.6128

306.2338,

 1.8723, 1.7970,

316.8910, 240.5692

0.0000

363.0467,
376.0258, 291.5694

■ 0.5607, 0.4853,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3518, 64.8060,
37.1868

■ 63.3518, 64.8060,
37.1868

■ 59.5710, 59.9757,
27.5062

■ 67.6502, 70.0408,
48.9844

■ 56.2764, 55.5272,
19.8088

■ 72.4857, 75.6839,
63.0138

■ 53.4405, 51.4485,
13.9518

■ 77.8825, 81.7503,
79.3861

■ 51.0300, 47.7231,
9.7710

■ 83.8618, 88.2515,
98.2038

■ 49.0063, 44.3320,
7.0728

■ 88.2787, 94.3323,
108.1629

■ 47.3152, 41.2502,
5.5832

■ 89.7452, 97.2653,
108.6517

■ 47.0531, 40.7611,
5.3877

Harmonies

Analogous

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



70.6155, 64.8060, 42.6137



63.3518, 64.8060, 37.1868



56.1648, 64.8060, 39.1531

Triad

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



63.3518, 64.8060, 37.1868



49.3367, 64.8060, 87.8442



73.7562, 64.8060, 98.2111

Complementary

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



63.3518, 64.8060, 37.1868



44.6684, 46.0416, 88.9707

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.



67.3668, 64.8060, 115.4269



63.3518, 64.8060, 37.1868



53.3795, 64.8060, 108.6489

Square

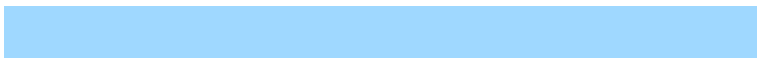
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.3518, 64.8060, 37.1868



48.4500, 64.8060, 65.6980



59.8733, 64.8060, 119.5884



76.9281, 64.8060, 75.6618

Rectangle

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



63.3518, 64.8060, 37.1868



52.3351, 64.8060, 44.6306



59.8733, 64.8060, 119.5884



71.8900, 64.8060, 104.9847

Sweetspot

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



63.3534, 64.8090, 37.1881



87.6404, 91.8877, 85.7538



55.1006, 43.1358, 50.3680



18.5753, 19.4627, 17.7949



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.



63.3534, 64.8090, 37.1881



69.2635, 70.0019, 33.7922



68.9039, 81.1603, 40.0517



16.6034, 17.4200, 16.6370



25.8891, 22.5762, 2.9931



2.2485, 2.0676, 0.2806

Inverse Universe

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



44.6684, 46.0416, 88.9707



45.0143, 45.6630, 101.0491



40.5640, 34.8156, 87.0202



15.3756, 16.1853, 20.0353



10.6674, 7.5590, 46.0247



0.9795, 0.8129, 3.8595

Previews

White Background



This preview shows how the XYZ color 63.3518, 64.8060, 37.1868 looks on a white background.

Color Contrast Check

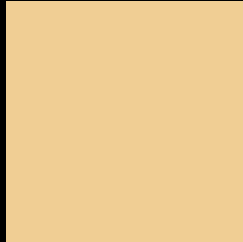
Large Text (above 18pt) WCAG AA × Fail

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 63.3518, 64.8060, 37.1868 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 63.3518, 64.8060, 37.1868

Background



This preview shows how black text looks on a background with the XYZ color 63.3518, 64.8060, 37.1868.



This preview shows how white text looks on a background with the XYZ color 63.3518, 64.8060,

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

63.3518, 64.8060, 37.1868

Protanopia

60.4778, 65.1214, 38.2363

Deuteranopia

66.3290, 64.9202, 37.4687



Tritanopia

70.5621, 64.9664, 71.7715

Trichromacy



Original Color

63.3518, 64.8060, 37.1868

Protanomaly

61.5040, 64.9267, 37.7243

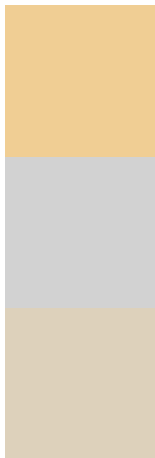
Deuteranomaly

65.1385, 64.6560, 37.4804

Tritanomaly

67.3802, 64.6805, 57.0774

Monochromacy



Original Color

63.3518, 64.8060, 37.1868

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.5889, 64.5609, 56.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3518, 64.8060, 37.1868 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, 206, 148)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 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(240, 206, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 148) }
```

Border

The CSS property to change the border of an element to XYZ 63.3518, 64.8060, 37.1868 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, 206, 148) }
```


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

```
.border{ border-color:rgb(240, 206, 148) }
```

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

Here you see how a box with a 4 pixel rgb(240, 206, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 148);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3518, 64.8060, 37.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 148) }
```

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

```
.background{ background-color: rgb(240,  
206, 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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