

Converting Colors

XYZ(63.9105, 65.8181, 36.5809)

Have a look what the booklet for
XYZ(63.9105, 65.8181, 36.5809)
contains.

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Color

**XYZ(64.0198, 65.8878,
36.5375)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D092
RGB	241, 208, 146
RGB Percent	95%, 82%, 57%
CMY	0.0549, 0.1843, 0.4274
CMYK	0.00, 0.14, 0.39, 0.05
HSL	39°, 77%, 76%
HSV	39°, 39%, 95%
XYZ	64.0198, 65.8878, 36.5375
YIQ	210.7990, 39.5700, -12.2860

Conversions

Conversions Part 2

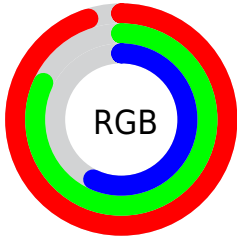
Format	Color
R _Y B	197, 241, 146
Decimal	15847570
CIE Lab	84.94, 3.21, 35.05
CIE LCh	85, 35.198, 84.771
Yxy	65.8878, 0.3846, 0.3959
Android (android.graphics.Color)	4294037650 (0xFFFF1D092)
YUV	210.7990, -31.9459, 26.4863
Hunter-Lab	81.1713, -1.2668, 30.1318

Details

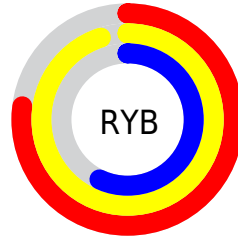
The XYZ color **64.0198, 65.8878, 36.5375** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.8509, 44.7006, 89.5360**, and the grayscale version is **61.9715, 65.1988, 71.0015**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **33.1496, 34.0047, 15.6429** is the 20% darker color. If you saturate the color by 10%, you get **60.3524, 61.2436, 27.0208**, and if you desaturate by 10%, it is **68.1934, 70.9117, 48.1739**.

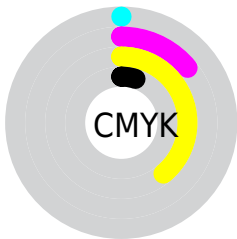
Distribution



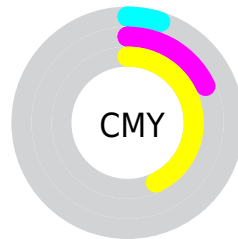
- Red (95%)
- Green (82%)
- Blue (57%)



- Red (77%)
- Yellow (95%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (39%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0198, 65.8878, 36.5375 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 64.0198, 65.8878, 36.5375 by changing the saturation by 10% instead.

64.0198, 65.8878,
36.5375

64.0198, 65.8878,
36.5375

428.8622,
445.9755, 346.4120

46.9285, 48.1813,
24.5566

109.7130,
113.3253, 71.0392

33.1868, 33.9705,
15.5310

139.0456,
143.8251, 94.3972

22.4295, 22.8709,
9.0422

173.1893,
179.3581, 122.3846

14.2912, 14.4982,
4.6715

212.5095,
220.3088, 155.4199

8.4065, 8.4680,
2.0005

257.3716,
267.0614, 193.9218

4.4101, 4.3958,
0.5556

308.1408,

1.9367, 1.8974,

320.0005, 238.3088

0.0000

365.1826,
379.5104, 288.9993

■ 0.5980, 0.5468,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0198, 65.8878,
36.5375

■ 64.0198, 65.8878,
36.5375

■ 60.3524, 61.2436,
27.0208

■ 68.1934, 70.9117,
48.1739

■ 57.1597, 56.9565,
19.4874

■ 72.8927, 76.3184,
62.0470

■ 54.4136, 53.0150,
13.7911

■ 78.1420, 82.1225,
78.2697

■ 52.0805, 49.4031,
9.7636

■ 83.9627, 88.3350,
96.9463

■ 50.1210, 46.1020,
7.2053

■ 88.4669, 94.2032,
108.1281

■ 48.4735, 43.0842,
5.8015

■ 90.0856, 97.4408,
108.6677

■ 48.3831, 42.9156,
5.7335

Harmonies

Analogous

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



71.8074, 65.8878, 41.7348



64.0198, 65.8878, 36.5375



56.4695, 65.8878, 39.0309

Triad

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



64.0198, 65.8878, 36.5375



49.8128, 65.8878, 91.5680



75.8782, 65.8878, 99.8933

Complementary

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



64.0198, 65.8878, 36.5375



43.8509, 44.7006, 89.5360

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.



69.2109, 65.8878, 118.9667



64.0198, 65.8878, 36.5375



54.2597, 65.8878, 113.4949

Square

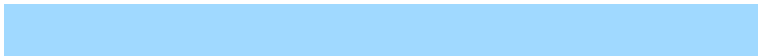
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0198, 65.8878, 36.5375



48.6753, 65.8878, 67.8462



61.2494, 65.8878, 124.4049



79.0122, 65.8878, 75.7813

Rectangle

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



64.0198, 65.8878, 36.5375



52.5184, 65.8878, 45.0631



61.2494, 65.8878, 124.4049



73.9501, 65.8878, 107.2922

Sweetspot

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



64.0214, 65.8909, 36.5388



87.2117, 91.5892, 83.8877



54.7169, 42.5240, 48.1052



18.4965, 19.4166, 17.4250



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.



64.0214, 65.8909, 36.5388



69.5124, 70.7907, 32.9774



68.2436, 81.2763, 39.2860



16.6340, 17.4810, 16.6472



26.3679, 23.5340, 3.1528



2.2862, 2.1430, 0.2931

Inverse Universe

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



43.8509, 44.7006, 89.5360



43.7436, 43.7389, 100.7447



40.7039, 34.4088, 87.7153



15.3462, 16.1265, 20.0255



10.4301, 7.0844, 45.9456



0.9574, 0.7688, 3.8521

Previews

White Background



This preview shows how the XYZ color 64.0198, 65.8878, 36.5375 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 64.0198, 65.8878, 36.5375 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 64.0198, 65.8878, 36.5375

Background



This preview shows how black text looks on a background with the XYZ color 64.0198, 65.8878, 36.5375.



This preview shows how white text looks on a background with the XYZ color 64.0198, 65.8878,

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

64.0198, 65.8878, 36.5375

Protanopia

61.2019, 65.8831, 37.5080

Deuteranopia

67.1304, 65.7011, 36.7472



Tritanopia

71.4006, 65.7096, 73.2100

Trichromacy



Original Color

64.0198, 65.8878, 36.5375

Protanomaly

62.1650, 66.0188, 37.0702

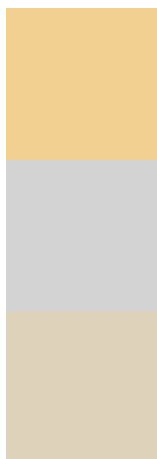
Deuteranomaly

66.1647, 65.9090, 36.8382

Tritanomaly

68.0710, 65.3712, 57.7454

Monochromacy



Original Color

64.0198, 65.8878, 36.5375

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.1404, 65.2106, 56.3255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0198, 65.8878, 36.5375 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(241, 208, 146)` looks like.

```
.text, #text, p{  
    color:rgb(241, 208, 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(241, 208, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 208, 146) }
```

Border

The CSS property to change the border of an element to XYZ 64.0198, 65.8878, 36.5375 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(241, 208, 146) }
```


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

```
.border{ border-color:rgb(241, 208, 146) }
```

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

Here you see how a box with a 4 pixel rgb(241, 208, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 208, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 208, 146);  
box-shadow:4px 4px 4px 4px rgb(241, 208,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0198, 65.8878, 36.5375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 208, 146) }
```

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

```
.background{ background-color: rgb(241,  
208, 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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