

Converting Colors

XYZ(63.9046, 63.4115, 33.2976)

Have a look what the booklet for
XYZ(63.9046, 63.4115, 33.2976)
contains.

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Color

**XYZ(63.9046, 63.4115,
33.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C98B
RGB	247, 201, 139
RGB Percent	97%, 79%, 55%
CMY	0.0314, 0.2117, 0.4549
CMYK	0.00, 0.19, 0.44, 0.03
HSL	34°, 87%, 76%
HSV	34°, 44%, 97%
XYZ	63.9046, 63.4115, 33.2976
YIQ	207.6860, 47.3180, -9.5300

Conversions

Conversions Part 2

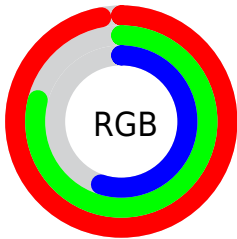
Format	Color
R _Y B	219, 247, 139
Decimal	16238987
CIE Lab	83.66, 8.47, 37.08
CIE LCh	84, 38.033, 77.140
Yxy	63.4115, 0.3979, 0.3948
Android (android.graphics.Color)	4294429067 (0xFFFF7C98B)
YUV	207.6860, -33.8622, 34.4784
Hunter-Lab	79.6313, 3.8924, 30.9500

Details

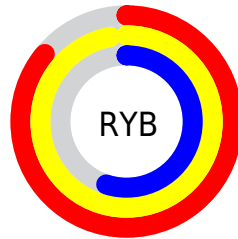
The XYZ color **63.9046, 63.4115, 33.2976** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.7843, 46.9006, 94.6878**, and the grayscale version is **59.9430, 63.0647, 68.6775**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **33.1814, 32.3908, 13.7357** is the 20% darker color. If you saturate the color by 10%, you get **59.9314, 58.0343, 24.0529**, and if you desaturate by 10%, it is **68.4567, 69.2937, 44.7480**.

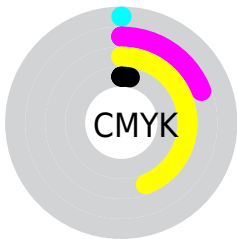
Distribution



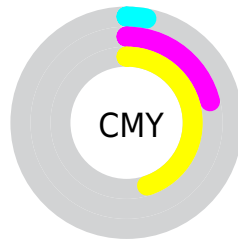
- Red (97%)
- Green (79%)
- Blue (55%)



- Red (86%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (44%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9046, 63.4115, 33.2976 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 63.9046, 63.4115, 33.2976 by changing the saturation by 10% instead.


 63.9046, 63.4115,
33.2976

 63.9046, 63.4115,
33.2976


428.4527,
437.0614, 331.6617


 46.8348, 46.1742,
22.0815


 109.5480,
109.7630, 65.9612

 33.1125, 32.3833,
13.7179


 138.8524,
139.6459, 88.2459

 22.3723, 21.6544,
7.7882


 172.9656,
174.5128, 115.0572

 14.2488, 13.6032,
3.8739

212.2531,
214.7482, 146.8136

 8.3768, 7.8452,
1.5564

257.0802,
260.7363, 183.9337

 4.3908, 3.9961,
0.2594

307.8123,

 1.9255, 1.6714,

312.8616, 226.8361

0.0000

364.8147,
371.5085, 275.9392

■ 0.5916, 0.4050,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9046, 63.4115,
33.2976

■ 63.9046, 63.4115,
33.2976

■ 59.9314, 58.0343,
24.0529

■ 68.4567, 69.2937,
44.7480

■ 56.5011, 53.1352,
16.8625

■ 73.6113, 75.6885,
58.5341

■ 53.5807, 48.6980,
11.5618

■ 79.3964, 82.6144,
74.7802

■ 51.1303, 44.7009,
7.9588

■ 85.8366, 90.0862,
93.6007

■ 49.1020, 41.1190,
5.8197

■ 91.7232, 97.6252,
108.6170

■ 48.0023, 39.0633,
5.0100

■ 92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



71.8293, 63.4115, 40.5945



63.9046, 63.4115, 33.2976



55.6748, 63.4115, 33.8455

Triad

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



63.9046, 63.4115, 33.2976



46.2305, 63.4115, 83.4568



72.7837, 63.4115, 105.1626

Complementary

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



63.9046, 63.4115, 33.2976



44.7843, 46.9006, 94.6878

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.



65.1129, 63.4115, 122.7776



63.9046, 63.4115, 33.2976



50.0238, 63.4115, 108.4002

Square

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



63.9046, 63.4115, 33.2976



45.9717, 63.4115, 59.3341



56.7773, 63.4115, 124.0828



77.2642, 63.4115, 79.7601

Rectangle

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



63.9046, 63.4115, 33.2976



51.1125, 63.4115, 38.5651



56.7773, 63.4115, 124.0828



70.4623, 63.4115, 112.4219

Sweetspot

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



63.9062, 63.4145, 33.2989



85.8252, 89.3668, 81.7279



56.4324, 41.7767, 51.4329



18.0607, 18.7631, 16.6073



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.



63.9062, 63.4145, 33.2989



65.0929, 63.3056, 27.3310



73.7883, 86.8758, 37.3065



17.2891, 18.0624, 17.3727



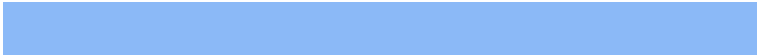
25.5307, 20.9469, 2.6975



2.3457, 2.0446, 0.2710

Inverse Universe

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



44.7843, 46.9006, 94.6878



42.2270, 43.5753, 100.7930



37.9114, 31.3107, 92.0409



16.1614, 17.0870, 20.9889



11.6949, 9.1835, 47.6942



1.1275, 1.0064, 4.2251

Previews

White Background



This preview shows how the XYZ color 63.9046, 63.4115, 33.2976 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 63.9046, 63.4115, 33.2976 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 63.9046, 63.4115, 33.2976

Background



This preview shows how black text looks on a background with the XYZ color 63.9046, 63.4115, 33.2976.



This preview shows how white text looks on a background with the XYZ color 63.9046, 63.4115,

33.2976.

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

63.9046, 63.4115, 33.2976

Protanopia

59.0470, 63.7227, 34.7788

Deuteranopia

64.7388, 63.4966, 33.2701



Tritanopia

70.9852, 63.2751, 67.5035

Trichromacy



Original Color

63.9046, 63.4115, 33.2976

Protanomaly

60.8107, 63.5581, 34.2622

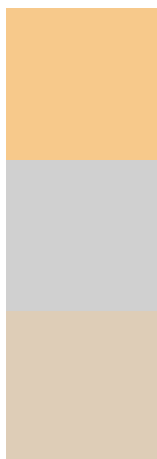
Deuteranomaly

64.3814, 63.3124, 33.2533

Tritanomaly

67.7423, 62.9168, 52.8297

Monochromacy



Original Color

63.9046, 63.4115, 33.2976

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5028, 62.6111, 53.6961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9046, 63.4115, 33.2976 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(247, 201, 139)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 139)  
}
```

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(247, 201, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 139) }
```

Border

The CSS property to change the border of an element to XYZ 63.9046, 63.4115, 33.2976 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(247, 201, 139) }
```


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

```
.border{ border-color:rgb(247, 201, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 201, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 139);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9046, 63.4115, 33.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 139) }
```

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

```
.background{ background-color: rgb(247,  
201, 139) }
```

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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