

Converting Colors

XYZ(137.1410, 96.0995,
39.2936)

Have a look what the booklet for
XYZ(137.1410, 96.0995, 39.2936)
contains.

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Color

**XYZ(64.1442, 58.5159,
35.9309)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA94
RGB	255, 186, 148
RGB Percent	100%, 73%, 58%
CMY	0.0000, 0.2706, 0.4196
CMYK	0.00, 0.27, 0.42, 0.00
HSL	21°, 100%, 79%
HSV	21°, 42%, 100%
XYZ	64.1442, 58.5159, 35.9309
YIQ	202.2990, 53.3220, 2.8100

Conversions

Conversions Part 2

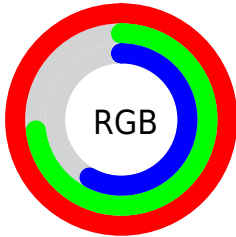
Format	Color
R _Y B	255, 207, 148
Decimal	16759444
CIE Lab	81.02, 20.36, 29.08
CIE LCh	81, 35.498, 54.994
Yxy	58.5159, 0.4045, 0.3690
Android (android.graphics.Color)	4294949524 (0xFFFFBA94)
YUV	202.2990, -26.7694, 46.2188
Hunter-Lab	76.4957, 15.8108, 25.6978

Details

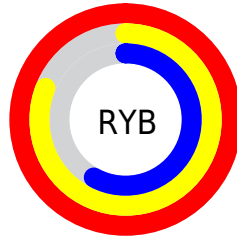
The XYZ color **64.1442, 58.5159, 35.9309** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.0746, 63.1392, 103.8920**, and the grayscale version is **56.4657, 59.4063, 64.6935**.

A 20% lighter version of the original color is **83.6528, 89.0285, 68.6524**, and **33.3101, 29.3739, 15.2234** is the 20% darker color. If you saturate the color by 10%, you get **59.0771, 51.2638, 25.3569**, and if you desaturate by 10%, it is **70.0575, 66.7487, 48.9815**.

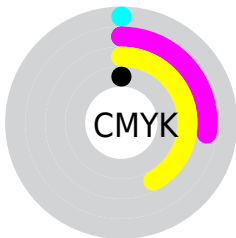
Distribution



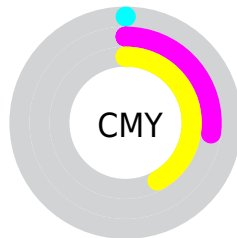
- Red (100%)
- Green (73%)
- Blue (58%)



- Red (100%)
- Yellow (81%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1442, 58.5159, 35.9309 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 64.1442, 58.5159, 35.9309 by changing the saturation by 10% instead.


 64.1442, 58.5159,
35.9309


 64.1442, 58.5159,
35.9309


429.3042,
419.1056, 343.6867

 47.0296, 42.2235,
24.0916


 109.8912,
102.6737, 70.0932

 33.2671, 29.2764,
15.1887

 139.2542,
131.3080, 93.2533

 22.4914, 19.2900,
8.8039


173.4308,
164.8251, 121.0241

 14.3370, 11.8800,
4.5184

212.7863,
203.6093, 153.8240

 8.4387, 6.6620,
1.9138

257.6860,
248.0450, 192.0717

 4.4311, 3.2516,
0.5015

308.4953,

 1.9488, 1.2645,

298.5167, 236.1857

0.0000

365.5796,
355.4088, 286.5845

0.6049, 0.1134,
0.0000

0.0000, 0.0000,
0.0000

64.1442, 58.5159,
35.9309

64.1442, 58.5159,
35.9309

59.0771, 51.2638,
25.3569

70.0575, 66.7487,
48.9815

54.8088, 44.9453,
17.0962

76.8522, 75.9901,
64.6508

51.2935, 39.5215,
10.9709

84.5668, 86.2774,
83.0743

48.4780, 34.9471,
6.7753

93.2359, 97.6430,
104.3767

■ 46.3003, 31.1714, 95.0500, 100.0000,
4.2619 108.9000

■ 44.9447, 28.6695,
3.1649

Harmonies

Analogous

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



69.4668, 58.5159, 48.0666



64.1442, 58.5159, 35.9309



56.8626, 58.5159, 31.2475

Triad

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



64.1442, 58.5159, 35.9309



42.6683, 58.5159, 60.2397



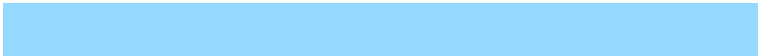
61.8188, 58.5159, 108.0000

Complementary

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



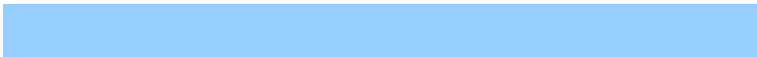
64.1442, 58.5159, 35.9309



55.0746, 63.1392, 103.8920

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.



54.3909, 58.5159, 113.2633



64.1442, 58.5159, 35.9309



43.7435, 58.5159, 82.4343

Square

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



64.1442, 58.5159, 35.9309



44.8049, 58.5159, 43.1633



47.8822, 58.5159, 103.0461



68.0433, 58.5159, 89.9294

Rectangle

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



64.1442, 58.5159, 35.9309



52.0333, 58.5159, 32.0164



47.8822, 58.5159, 103.0461



59.3628, 58.5159, 111.4733

Sweetspot

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



64.1457, 58.5187, 35.9321



83.7208, 85.1580, 81.0265



64.4263, 47.4788, 71.7904



17.5426, 17.7270, 16.4346



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.



64.1457, 58.5187, 35.9321



60.0062, 52.6109, 27.2422



77.4373, 85.1020, 40.3626



18.5372, 19.0427, 18.8429



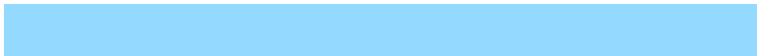
23.6117, 15.2346, 1.6961



2.3975, 1.6804, 0.1980

Inverse Universe

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



55.0746, 63.1392, 103.8920



49.8529, 57.7221, 103.1217



43.5477, 40.0854, 100.0497



17.9802, 19.3321, 23.0338



16.5542, 18.0179, 52.0399



1.7149, 1.9606, 5.1013

Previews

White Background



This preview shows how the XYZ color 64.1442, 58.5159, 35.9309 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 64.1442, 58.5159, 35.9309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

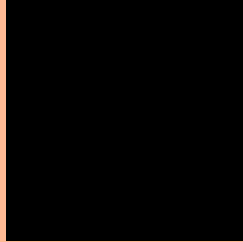
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1442, 58.5159, 35.9309

Background



This preview shows how black text looks on a background with the XYZ color 64.1442, 58.5159, 35.9309.



This preview shows how white text looks on a background with the XYZ color 64.1442, 58.5159,

35.9309.

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

64.1442, 58.5159, 35.9309

Protanopia

54.8274, 58.5869, 39.4290

Deuteranopia

59.9330, 58.5972, 35.7553



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

64.1442, 58.5159, 35.9309

Protanomaly

58.0406, 58.5698, 37.9518

Deuteranomaly

61.3361, 58.3460, 35.6329

Tritanomaly

66.1093, 58.3013, 49.3639

Monochromacy



Original Color

64.1442, 58.5159, 35.9309

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.0022, 58.2294, 52.4383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1442, 58.5159, 35.9309 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(255, 186, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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(255, 186, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 148) }
```

Border

The CSS property to change the border of an element to XYZ 64.1442, 58.5159, 35.9309 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(255, 186, 148) }
```


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

```
.border{ border-color:rgb(255, 186, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1442, 58.5159, 35.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 148) }
```

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

```
.background{ background-color: rgb(255,  
186, 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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