

Converting Colors

XYZ(64.3859, 59.0035, 38.8235)

Have a look what the booklet for
XYZ(64.3859, 59.0035, 38.8235)
contains.

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Color

**XYZ(64.1947, 58.7899,
38.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBB9B
RGB	253, 187, 155
RGB Percent	99%, 73%, 61%
CMY	0.0078, 0.2666, 0.3922
CMYK	0.00, 0.26, 0.39, 0.01
HSL	20°, 96%, 80%
HSV	20°, 39%, 99%
XYZ	64.1947, 58.7899, 38.9745
YIQ	203.0860, 49.6080, 4.0400

Conversions

Conversions Part 2

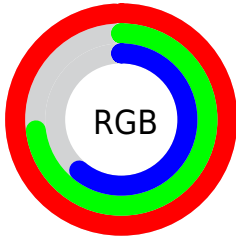
Format	Color
R _Y B	253, 203, 155
Decimal	16628635
CIE Lab	81.18, 19.83, 25.54
CIE LCh	81, 32.333, 52.177
Yxy	58.7899, 0.3964, 0.3630
Android (android.graphics.Color)	4294818715 (0xFFFDDB9B)
YUV	203.0860, -23.7064, 43.7746
Hunter-Lab	76.6746, 15.2661, 23.5345

Details

The XYZ color **64.1947, 58.7899, 38.9745** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1025, 65.7706, 102.6137**, and the grayscale version is **56.9425, 59.9080, 65.2398**.

A 20% lighter version of the original color is **84.9235, 90.0143, 73.8713**, and **33.2719, 29.5190, 17.0408** is the 20% darker color. If you saturate the color by 10%, you get **58.8862, 51.2243, 27.7979**, and if you desaturate by 10%, it is **70.3802, 67.3968, 52.6407**.

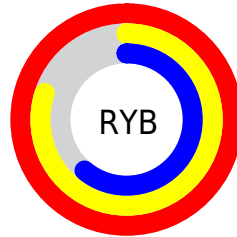
Distribution



Red (99%)

Green (73%)

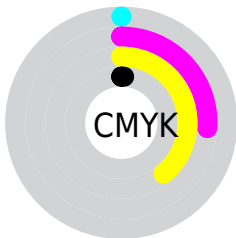
Blue (61%)



Red (99%)

Yellow (80%)

Blue (61%)

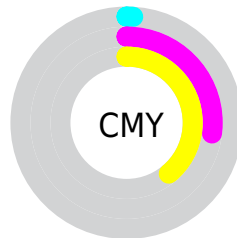


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1947, 58.7899, 38.9745 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 64.1947, 58.7899, 38.9745 by changing the saturation by 10% instead.

 64.1947, 58.7899,
38.9745

 64.1947, 58.7899,
38.9745


429.4835,
420.1229, 357.2048

 47.0707, 42.4440,
26.4322


 109.9635,
103.0722, 74.8193

 33.2997, 29.4491,
16.9186


 139.3389,
131.7775, 98.9588

 22.5165, 19.4208,
10.0151


173.5288,
165.3713, 127.8012

 14.3556, 11.9748,
5.3033

212.8986,
204.2381, 161.7650

 8.4518, 6.7265,
2.3644

257.8136,
248.7623, 201.2687

 4.4396, 3.2916,
0.7670

308.6392,

 1.9537, 1.2858,

299.3282, 246.7309

0.0000

365.7407,
356.3203, 298.5701

0.6078, 0.1302,
0.0000

0.0000, 0.0000,
0.0000

64.1947, 58.7899,
38.9745

64.1947, 58.7899,
38.9745

58.8862, 51.2243,
27.7979

70.3802, 67.3968,
52.6407

54.4072, 44.6505,
18.9548

77.4781, 77.0753,
68.9325

50.7123, 39.0273,
12.2768

85.5269, 87.8647,
87.9802

47.7490, 34.3069,
7.5709

94.3179, 99.6226,
108.8657

■ 45.4573, 30.4363,
4.6093

■ 43.7569, 27.3525,
3.0653

■ 43.5727, 27.0122,
2.9173

Harmonies

Analogous

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



68.7377, 58.7899, 51.0178



64.1947, 58.7899, 38.9745



57.6579, 58.7899, 33.8698

Triad

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



64.1947, 58.7899, 38.9745



44.0139, 58.7899, 59.0992



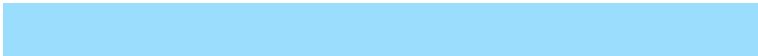
60.9062, 58.7899, 104.8277

Complementary

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



64.1947, 58.7899, 38.9745



57.1025, 65.7706, 102.6137

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.



54.1352, 58.7899, 108.1928



64.1947, 58.7899, 38.9745



44.7315, 58.7899, 79.0445

Square

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



64.1947, 58.7899, 38.9745



46.2672, 58.7899, 43.8699



48.3126, 58.7899, 97.9745



66.7353, 58.7899, 89.5332

Rectangle

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



64.1947, 58.7899, 38.9745



53.1928, 58.7899, 34.1907



48.3126, 58.7899, 97.9745



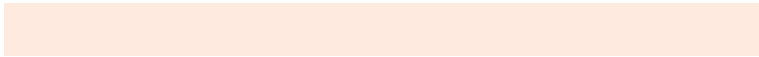
58.6522, 58.7899, 107.5006

Sweetspot

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



64.1962, 58.7927, 38.9757



84.2839, 85.7336, 82.9118



65.4099, 49.5980, 75.2099



17.8081, 18.0398, 17.1956



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.



64.1962, 58.7927, 38.9757



61.3328, 54.1405, 31.1486



76.1423, 82.6850, 42.9577



18.4938, 18.9558, 18.8284



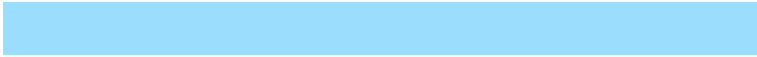
23.2965, 14.6043, 1.5911



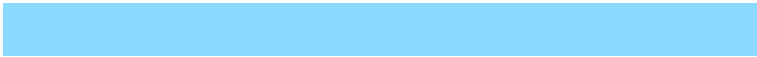
2.3630, 1.6114, 0.1865

Inverse Universe

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



57.1025, 65.7706, 102.6137



53.2150, 62.0643, 103.7826



46.1849, 43.9354, 98.9745



18.0256, 19.4227, 23.0489



17.2541, 19.4178, 52.2732



1.7796, 2.0900, 5.1229

Previews

White Background



This preview shows how the XYZ color 64.1947, 58.7899, 38.9745 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 64.1947, 58.7899, 38.9745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

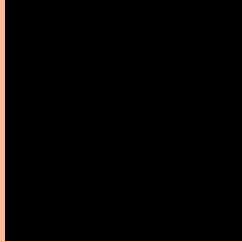
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1947, 58.7899, 38.9745

Background



This preview shows how black text looks on a background with the XYZ color 64.1947, 58.7899, 38.9745.



This preview shows how white text looks on a background with the XYZ color 64.1947, 58.7899,

38.9745.

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

64.1947, 58.7899, 38.9745

Protanopia

55.3737, 59.1458, 42.6802

Deuteranopia

60.0496, 58.9212, 38.7798



Tritanopia

67.9318, 58.7014, 59.9747

Trichromacy



Original Color

64.1947, 58.7899, 38.9745

Protanomaly

58.2192, 58.9297, 41.1070

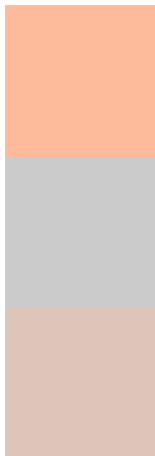
Deuteranomaly

61.4257, 58.6494, 38.6548

Tritanomaly

66.3540, 58.6880, 51.5467

Monochromacy



Original Color

64.1947, 58.7899, 38.9745

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.6480, 58.8498, 54.7224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1947, 58.7899, 38.9745 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(253, 187, 155)` looks like.

```
.text, #text, p{  
    color:rgb(253, 187, 155)  
}
```

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(253, 187, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 187, 155) }
```

Border

The CSS property to change the border of an element to XYZ 64.1947, 58.7899, 38.9745 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(253, 187, 155) }
```


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

```
.border{ border-color:rgb(253, 187, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 187, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 187, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 187, 155);  
box-shadow:4px 4px 4px 4px rgb(253, 187,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1947, 58.7899, 38.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 187, 155) }
```

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

```
.background{ background-color: rgb(253,  
187, 155) }
```

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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