

Converting Colors

XYZ(63.3499, 60.2982, 37.8901)

Have a look what the booklet for
XYZ(63.3499, 60.2982, 37.8901)
contains.

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Color

**XYZ(63.4489, 60.3634,
38.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C198
RGB	248, 193, 152
RGB Percent	97%, 76%, 60%
CMY	0.0275, 0.2431, 0.4039
CMYK	0.00, 0.22, 0.39, 0.03
HSL	26°, 87%, 78%
HSV	26°, 39%, 97%
XYZ	63.4489, 60.3634, 38.0129
YIQ	204.7710, 45.9410, -1.0910

Conversions

Conversions Part 2

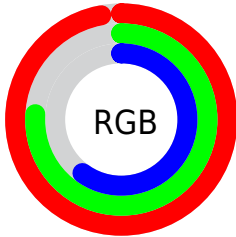
Format	Color
R _Y B	248, 224, 152
Decimal	16302488
CIE Lab	82.04, 14.42, 28.20
CIE LCh	82, 31.671, 62.920
Yxy	60.3634, 0.3921, 0.3730
Android (android.graphics.Color)	4294492568 (0xFFFF8C198)
YUV	204.7710, -26.0161, 37.9118
Hunter-Lab	77.6939, 9.8082, 25.3772

Details

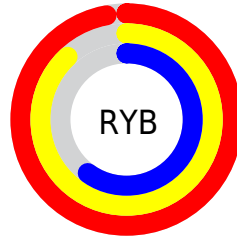
The XYZ color **63.4489, 60.3634, 38.0129** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.2042, 58.0763, 97.2654**, and the grayscale version is **58.0238, 61.0455, 66.4786**.

A 20% lighter version of the original color is **86.3782, 93.5164, 72.5293**, and **32.8168, 30.3520, 16.4408** is the 20% darker color. If you saturate the color by 10%, you get **58.6353, 53.6539, 27.4135**, and if you desaturate by 10%, it is **68.9920, 67.8520, 50.9518**.

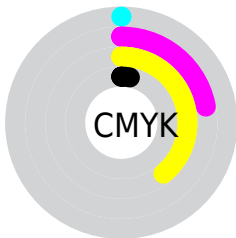
Distribution



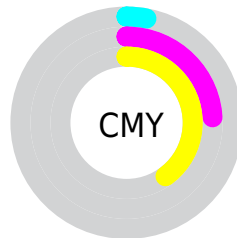
- Red (97%)
- Green (76%)
- Blue (60%)



- Red (97%)
- Yellow (88%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (3%)





- Cyan (3%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4489, 60.3634, 38.0129 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 63.4489, 60.3634, 38.0129 by changing the saturation by 10% instead.


 63.4489, 60.3634,
38.0129

 63.4489, 60.3634,
38.0129


426.8306,
425.9360, 352.9752

 46.4645, 43.7116,
25.6908


 108.8951,
105.3566, 73.3316

 32.8187, 30.4439,
16.3688

 138.0875,
134.4669, 97.1652

 22.1461, 20.1757,
9.6283


172.0800,
168.4987, 125.6731

 14.0815, 12.5228,
5.0509

211.2379,
207.8366, 159.2737

 8.2595, 7.1008,
2.2179

255.9265,
252.8649, 198.3857

 4.3146, 3.5252,
0.6847

306.5113,

 1.8816, 1.4117,

303.9679, 243.4276

0.0000

363.3576,
361.5301, 294.8179

■ 0.5661, 0.2253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4489, 60.3634,
38.0129

■ 63.4489, 60.3634,
38.0129

■ 58.6353, 53.6539,
27.4135

■ 68.9920, 67.8520,
50.9518

■ 54.5114, 47.6872,
19.0065

■ 75.2925, 76.1370,
66.3577

■ 51.0403, 42.4368,
12.6341

■ 82.3823, 85.2460,
84.3529

■ 48.1788, 37.8703,
8.1147

■ 90.2899, 95.2024,
105.0507

■ 45.8771, 33.9524,
5.2342

■ 92.5214, 98.6965,
108.7817

■ 44.0667, 30.6390,
3.6833

■ 43.8583, 30.2502,
3.5273

Harmonies

Analogous

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



68.8981, 60.3634, 47.6219



63.4489, 60.3634, 38.0129



56.7189, 60.3634, 35.3018

Triad

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



63.4489, 60.3634, 38.0129



45.4303, 60.3634, 67.6257



64.6740, 60.3634, 101.8724

Complementary

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



63.4489, 60.3634, 38.0129



52.2042, 58.0763, 97.2654

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.



58.0333, 60.3634, 109.9585



63.4489, 60.3634, 38.0129



47.2117, 60.3634, 87.9184

Square

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



63.4489, 60.3634, 38.0129



46.6369, 60.3634, 50.3005



51.6990, 60.3634, 104.4141



69.6433, 60.3634, 84.0197

Rectangle

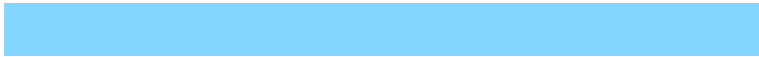
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.4489, 60.3634, 38.0129



52.4948, 60.3634, 37.2316



51.6990, 60.3634, 104.4141



62.5457, 60.3634, 105.9647

Sweetspot

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



63.4504, 60.3663, 38.0141



85.1695, 87.5047, 83.2070



61.3252, 46.9676, 65.5084



18.0158, 18.4553, 17.2648



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.



63.4504, 60.3663, 38.0141



63.7470, 58.9688, 31.9533



75.5392, 84.5438, 42.0437



17.8542, 18.4442, 18.0815



23.8248, 16.6062, 1.9496



2.3093, 1.7435, 0.2148

Inverse Universe

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



52.2042, 58.0763, 97.2654



50.2882, 56.2109, 102.8071



42.4636, 38.5950, 94.0185



17.1086, 18.2941, 22.0147



14.5258, 14.4071, 49.9888



1.4505, 1.5446, 4.6649

Previews

White Background



This preview shows how the XYZ color 63.4489, 60.3634, 38.0129 looks on a white background.

Color Contrast Check

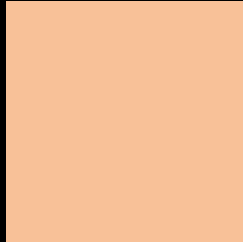
Large Text (above 18pt) WCAG AA × Fail

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 63.4489, 60.3634, 38.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

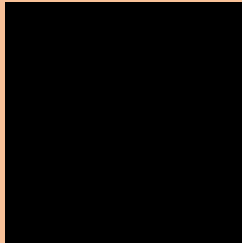
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4489, 60.3634, 38.0129

Background



This preview shows how black text looks on a background with the XYZ color 63.4489, 60.3634, 38.0129.



This preview shows how white text looks on a background with the XYZ color 63.4489, 60.3634,

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

63.4489, 60.3634, 38.0129

Protanopia

56.5921, 60.5255, 40.5982

Deuteranopia

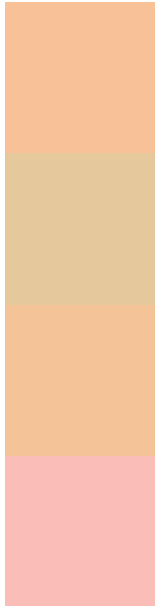
61.6015, 60.4150, 37.6927



Tritanopia

68.6095, 60.2175, 63.2654

Trichromacy



Original Color

63.4489, 60.3634, 38.0129

Protanomaly

58.8838, 60.3331, 39.5523

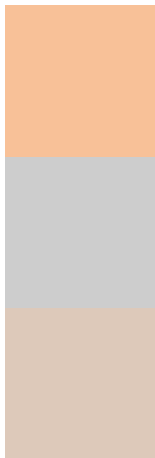
Deuteranomaly

62.4092, 60.4977, 37.6661

Tritanomaly

66.5285, 60.3233, 52.9369

Monochromacy



Original Color

63.4489, 60.3634, 38.0129

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.5684, 60.6906, 55.0292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4489, 60.3634, 38.0129 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(248, 193, 152)` looks like.

```
.text, #text, p{  
    color:rgb(248, 193, 152)  
}
```

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(248, 193, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 193, 152) }
```

Border

The CSS property to change the border of an element to XYZ 63.4489, 60.3634, 38.0129 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(248, 193, 152) }
```


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

```
.border{ border-color:rgb(248, 193, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 193, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 193, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 193, 152);  
box-shadow:4px 4px 4px 4px rgb(248, 193,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4489, 60.3634, 38.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 193, 152) }
```

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

```
.background{ background-color: rgb(248,  
193, 152) }
```

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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