

# Converting Colors

XYZ(65.3938, 64.1166, 39.9399)

Have a look what the booklet for  
XYZ(65.3938, 64.1166, 39.9399)  
contains.

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# Color

**XYZ(65.5144, 64.0963,  
39.9292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8C99B
RGB	248, 201, 155
RGB Percent	97%, 79%, 61%
CMY	0.0275, 0.2117, 0.3921
CMYK	0.00, 0.19, 0.37, 0.03
HSL	30°, 87%, 79%
HSV	30°, 37%, 97%
XYZ	65.5144, 64.0963, 39.9292
YIQ	209.8090, 42.7780, -4.3420

# Conversions

## Conversions Part 2

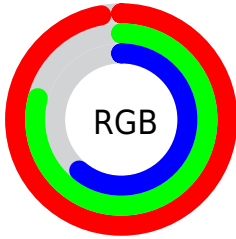
Format	Color
R <sub>Y</sub> B	248, 246, 155
Decimal	16304539
CIE Lab	84.02, 10.57, 29.29
CIE LCh	84, 31.136, 70.151
Yxy	64.0963, 0.3864, 0.3781
Android (android.graphics.Color)	4294494619 (0xFFFF8C99B)
YUV	209.8090, -27.0208, 33.4935
Hunter-Lab	80.0602, 5.9639, 26.4718

# Details

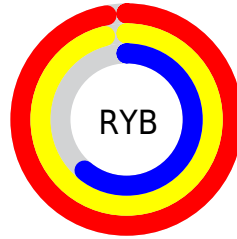
The XYZ color **65.5144, 64.0963, 39.9292** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.5806, 55.9849, 96.8944**, and the grayscale version is **61.2866, 64.4783, 70.2169**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **34.1171, 32.7939, 17.3636** is the 20% darker color. If you saturate the color by 10%, you get **60.8389, 57.7431, 29.1292**, and if you desaturate by 10%, it is **70.8592, 71.1034, 53.0639**.

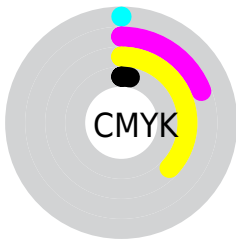
# Distribution



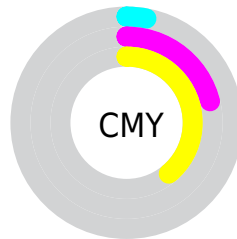
- Red (97%)
- Green (79%)
- Blue (61%)



- Red (97%)
- Yellow (96%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5144, 64.0963, 39.9292 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 65.5144, 64.0963, 39.9292 by changing the saturation by 10% instead.





 65.5144, 64.0963,  
39.9292


 65.5144, 64.0963,  
39.9292

434.1543,  
439.5373, 361.3683

 48.1446, 46.7287,  
27.1700


 111.8507,  
110.7496, 76.2916

 34.1531, 32.8212,  
17.4674


 141.5478,  
140.8041, 100.7319

 23.1747, 21.9895,  
10.4028


176.0848,  
175.8563, 129.9029

 14.8440, 13.8492,  
5.5577

215.8269,  
216.2907, 164.2232

 8.7955, 8.0159,  
2.5137

261.1396,  
262.4915, 204.1114

 4.6641, 4.1051,  
0.8474

312.3881,

 2.0843, 1.7325,

314.8433, 249.9859

0.0000

369.9379,  
373.7305, 302.2654

■ 0.6806, 0.4446,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 65.5144, 64.0963,  
39.9292

■ 65.5144, 64.0963,  
39.9292

■ 60.8389, 57.7431,  
29.1292

■ 70.8592, 71.1034,  
53.0639

■ 56.7960, 52.0128,  
20.5192

■ 76.8982, 78.7758,  
68.6582

■ 53.3519, 46.8851,  
13.9443

■ 83.6605, 87.1362,  
86.8328

■ 50.4675, 42.3343,  
9.2274

■ 91.1721, 96.2031,  
107.6992

■ 48.0971, 38.3321,  
6.1603

■ 92.5213, 98.6964,  
108.7817

■ 46.1826, 34.8445,  
4.4697

■ 45.7548, 34.0434,  
4.1595

# Harmonies

## Analogous

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



71.5782, 64.0963, 48.1419



65.5144, 64.0963, 39.9292



58.6247, 64.0963, 38.8000

# Triad

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



65.5144, 64.0963, 39.9292



48.8301, 64.0963, 76.6668



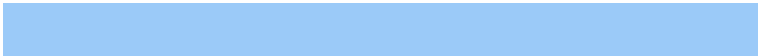
69.8355, 64.0963, 102.8565

# Complementary

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



65.5144, 64.0963, 39.9292



51.5806, 55.9849, 96.8944

# 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.



63.2777, 64.0963, 114.0076



65.5144, 64.0963, 39.9292



51.3790, 64.0963, 97.1140

# Square

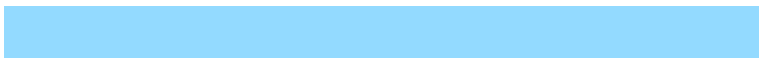
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.5144, 64.0963, 39.9292



49.3302, 64.0963, 57.7248



56.5486, 64.0963, 111.7285



74.1999, 64.0963, 83.4291



# Rectangle

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



65.5144, 64.0963, 39.9292



54.5292, 64.0963, 41.9390



56.5486, 64.0963, 111.7285



67.7951, 64.0963, 107.8484

# Sweetspot

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



65.5160, 64.0993, 39.9305



86.5020, 89.6108, 85.3743



61.2185, 47.7140, 62.5148



18.3038, 18.9198, 17.7045



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.



65.5160, 64.0993, 39.9305



65.9617, 63.1001, 33.6107



77.7207, 88.5086, 43.9987



17.9538, 18.6434, 18.1147



24.8568, 18.6702, 2.2936

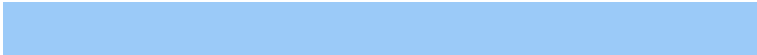


2.4081, 1.9410, 0.2477

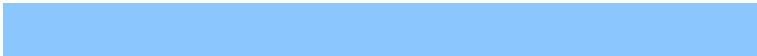


# Inverse Universe

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



51.5806, 55.9849, 96.8944



49.1553, 53.3129, 102.3074



42.4425, 37.7086, 93.8483



17.0080, 18.0928, 21.9811



13.2769, 11.9093, 49.5725



1.3357, 1.3152, 4.6266



# Previews

## White Background



This preview shows how the XYZ color 65.5144, 64.0963, 39.9292 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 65.5144, 64.0963, 39.9292 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

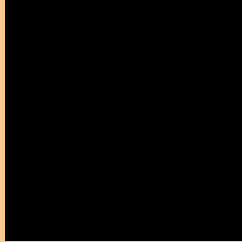
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.5144, 64.0963, 39.9292

## Background



This preview shows how black text looks on a background with the XYZ color 65.5144, 64.0963, 39.9292.



This preview shows how white text looks on a background with the XYZ color 65.5144, 64.0963,



# 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

65.5144, 64.0963, 39.9292

### Protanopia

59.7989, 63.9514, 41.9930

### Deuteranopia

65.5144, 64.0963, 39.9292



## Tritanopia

71.6735, 64.2579, 68.9470

# Trichromacy



## Original Color

65.5144, 64.0963, 39.9292

## Protanomaly

61.8471, 63.9349, 41.4287

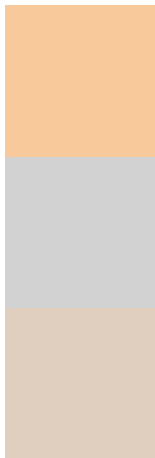
## Deuteranomaly

65.5144, 64.0963, 39.9292

## Tritanomaly

69.2964, 64.3021, 56.9033

# Monochromacy



## Original Color

65.5144, 64.0963, 39.9292

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

62.3476, 64.1906, 57.8192

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.5144, 64.0963, 39.9292 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, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(248, 201, 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(248, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 201, 155) }
```

## Border

The CSS property to change the border of an element to XYZ 65.5144, 64.0963, 39.9292 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, 201, 155) }
```



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

```
.border{ border-color:rgb(248, 201, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 201, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(248, 201,  
155) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.5144, 64.0963, 39.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 201, 155) }
```

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

```
.background{ background-color: rgb(248,  
201, 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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