

# Converting Colors

XYZ(63.7634, 59.3524, 39.1075)

Have a look what the booklet for  
XYZ(63.7634, 59.3524, 39.1075)  
contains.

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# Color

**XYZ(63.5383, 59.0857,  
39.0662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FABD9B
RGB	250, 189, 155
RGB Percent	98%, 74%, 61%
CMY	0.0196, 0.2588, 0.3922
CMYK	0.00, 0.24, 0.38, 0.02
HSL	21°, 90%, 79%
HSV	21°, 38%, 98%
XYZ	63.5383, 59.0857, 39.0662
YIQ	203.3630, 47.2700, 2.3580

# Conversions

## Conversions Part 2

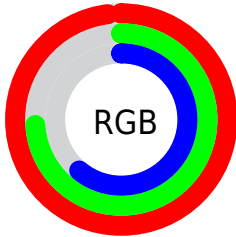
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 208, 155
Decimal	16432539
CIE <sub>Lab</sub>	81.34, 17.63, 25.71
CIE <sub>LCh</sub>	81, 31.171, 55.566
Yxy	59.0857, 0.3930, 0.3654
Android (android.graphics.Color)	4294622619 (0xFFFA <sub>BD9B</sub> )
YUV	203.3630, -23.8430, 40.9006
Hunter-Lab	76.8672, 13.0301, 23.6741

# Details

The XYZ color **63.5383, 59.0857, 39.0662** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.3278, 62.9801, 99.6827**, and the grayscale version is **57.1187, 60.0933, 65.4416**.

A 20% lighter version of the original color is **85.5253, 91.2180, 74.0719**, and **33.0411, 29.8143, 17.1100** is the 20% darker color. If you saturate the color by 10%, you get **58.3887, 51.8057, 28.0417**, and if you desaturate by 10%, it is **69.5078, 67.3095, 52.5095**.

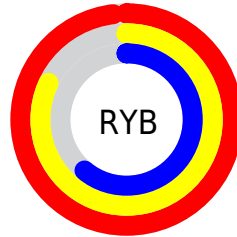
# Distribution



Red (98%)

Green (74%)

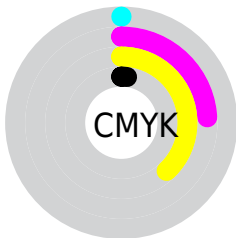
Blue (61%)



Red (98%)

Yellow (82%)

Blue (61%)

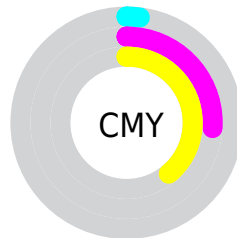


Cyan (0%)

Magenta (24%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (26%)


Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5383, 59.0857, 39.0662 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 63.5383, 59.0857, 39.0662 by changing the saturation by 10% instead.





 63.5383, 59.0857,  
39.0662


 63.5383, 59.0857,  
39.0662


427.1491,  
421.2194, 357.6062

 46.5371, 42.6821,  
26.5030


 109.0232,  
103.5022, 74.9609

 32.8763, 29.6358,  
16.9712


 138.2376,  
132.2839, 99.1295

 22.1905, 19.5623,  
10.0522


172.2538,  
165.9605, 128.0036

 14.1143, 12.0773,  
5.3275

211.4372,  
204.9162, 162.0018

 8.2824, 6.7963,  
2.3786

256.1530,  
249.5356, 201.5426

 4.3295, 3.3351,  
0.7748

306.7667,

 1.8902, 1.3091,

300.2030, 247.0446

0.0000

363.6437,  
357.3028, 298.9263

■ 0.5711, 0.1482,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 63.5383, 59.0857,  
39.0662

■ 63.5383, 59.0857,  
39.0662

■ 58.3887, 51.8057,  
28.0417

■ 69.5078, 67.3095,  
52.5095

■ 54.0149, 45.4254,  
19.2861

■ 76.3291, 76.5022,  
68.5021

■ 50.3755, 39.9095,  
12.6380

■ 84.0380, 86.6983,  
87.1693

■ 47.4224, 35.2168,  
7.9127

■ 92.6663, 97.9280,  
108.6257

■ 45.1007, 31.3018,  
4.8932

■ 93.2343, 99.0640,  
108.8150

■ 43.3397, 28.1109,  
3.2853

■ 43.0374, 27.5502,  
3.0494

# Harmonies

## Analogous

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



68.2240, 59.0857, 50.0711



63.5383, 59.0857, 39.0662



57.1324, 59.0857, 34.8042

# Triad

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



63.5383, 59.0857, 39.0662



44.5814, 59.0857, 61.6027



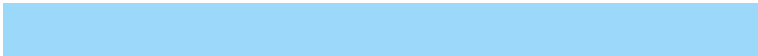
61.7359, 59.0857, 102.3920

# Complementary

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



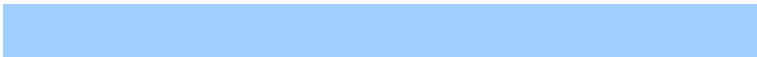
63.5383, 59.0857, 39.0662



55.3278, 62.9801, 99.6827

# 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.



55.1971, 59.0857, 107.1008



63.5383, 59.0857, 39.0662



45.6078, 59.0857, 81.0774

# Square

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



63.5383, 59.0857, 39.0662



46.4553, 59.0857, 46.1188



49.3747, 59.0857, 98.6608



67.1283, 59.0857, 86.8074



# Rectangle

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



63.5383, 59.0857, 39.0662



52.8668, 59.0857, 35.6121



49.3747, 59.0857, 98.6608



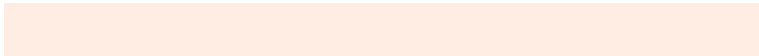
59.5855, 59.0857, 105.4135

# Sweetspot

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



63.5398, 59.0885, 39.0674



85.3797, 87.3662, 85.0002



63.6379, 48.7640, 71.5339



18.0369, 18.3861, 17.6155



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.



63.5398, 59.0885, 39.0674



62.0640, 55.6028, 31.3923



75.2644, 82.5377, 42.9756



17.7530, 18.2419, 18.0478



22.9516, 14.8599, 1.6586

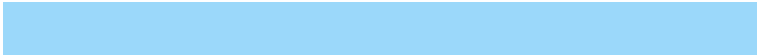


2.2219, 1.5687, 0.1857

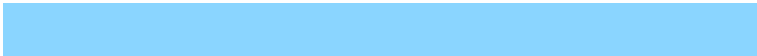


# Inverse Universe

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



55.3278, 62.9801, 99.6827



52.2790, 60.1925, 103.4706



45.0080, 42.3404, 96.2428



17.2126, 18.5021, 22.0494



16.0090, 17.3735, 50.4832



1.5829, 1.8095, 4.7090



# Previews

## White Background



This preview shows how the XYZ color 63.5383, 59.0857, 39.0662 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

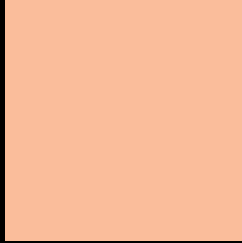
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 63.5383, 59.0857, 39.0662 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

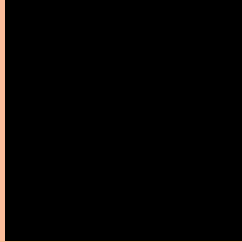
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 63.5383, 59.0857, 39.0662**

## **Background**



This preview shows how black text looks on a background with the XYZ color 63.5383, 59.0857, 39.0662.



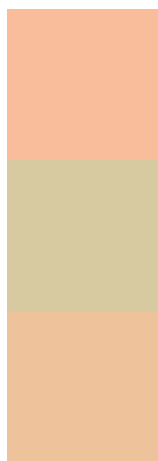
This preview shows how white text looks on a background with the XYZ color 63.5383, 59.0857,



# 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

63.5383, 59.0857, 39.0662

### Protanopia

55.5779, 59.2613, 42.2275

### Deuteranopia

60.3844, 59.0938, 38.7955



## Tritanopia

67.8846, 58.9690, 60.6276

# Trichromacy



**Original Color**

63.5383, 59.0857, 39.0662

**Protanomaly**

58.2192, 58.9297, 41.1070

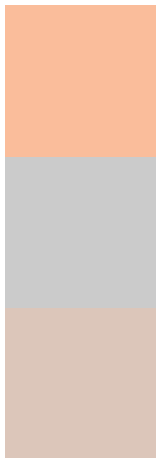
**Deuteranomaly**

61.3003, 58.9096, 38.7117

**Tritanomaly**

66.3005, 58.9580, 52.1416

# Monochromacy



**Original Color**

63.5383, 59.0857, 39.0662

**Achromatopsia**

56.7640, 59.7202, 65.0353

**Achromatomaly**

58.5722, 59.1490, 54.7842

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.5383, 59.0857, 39.0662 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(250, 189, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 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(250, 189, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 155) }
```

## Border

The CSS property to change the border of an element to XYZ 63.5383, 59.0857, 39.0662 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(250, 189, 155) }
```



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

```
.border{ border-color:rgb(250, 189, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 189, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 189, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 189, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 189,  
155) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.5383, 59.0857, 39.0662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 155) }
```

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

```
.background{ background-color: rgb(250,  
189, 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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