

# Converting Colors

XYZ(59.8892, 55.0704, 36.3273)

Have a look what the booklet for  
XYZ(59.8892, 55.0704, 36.3273)  
contains.

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# Color

**XYZ(59.8892, 55.0704,  
36.3273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5B696
RGB	245, 182, 150
RGB Percent	96%, 71%, 59%
CMY	0.0392, 0.2862, 0.4118
CMYK	0.00, 0.26, 0.39, 0.04
HSL	20°, 83%, 77%
HSV	20°, 39%, 96%
XYZ	59.8892, 55.0704, 36.3273
YIQ	197.1890, 47.8200, 3.4040

# Conversions

## Conversions Part 2

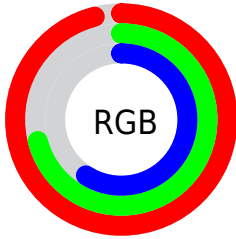
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 198, 150
Decimal	16103062
CIE Lab	79.08, 18.82, 25.22
CIE LCh	79, 31.467, 53.271
Yxy	55.0704, 0.3959, 0.3640
Android (android.graphics.Color)	4294293142 (0xFFFF5B696)
YUV	197.1890, -23.2642, 41.9302
Hunter-Lab	74.2094, 14.1883, 22.9227

# Details

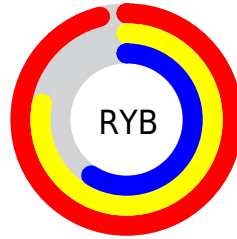
The XYZ color **59.8892, 55.0704, 36.3273** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8525, 60.6629, 95.3098**, and the grayscale version is **53.3023, 56.0781, 61.0691**.

A 20% lighter version of the original color is **82.7136, 86.7687, 69.5153**, and **30.5959, 27.1662, 15.4354** is the 20% darker color. If you saturate the color by 10%, you get **54.9827, 48.0914, 25.9551**, and if you desaturate by 10%, it is **65.5970, 62.9917, 49.0025**.

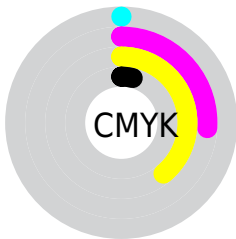
# Distribution



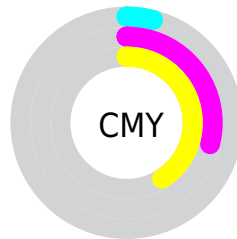
- Red (96%)
- Green (71%)
- Blue (59%)



- Red (96%)
- Yellow (78%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8892, 55.0704, 36.3273 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 59.8892, 55.0704, 36.3273 by changing the saturation by 10% instead.




 59.8892, 55.0704,  
36.3273

 59.8892, 55.0704,  
36.3273


414.0305,  
406.1787, 345.4694

 43.5785, 39.4581,  
24.3954


 103.7762, 97.6441,  
70.7117

 30.5357, 27.1163,  
15.4123


 132.0831,  
125.3743, 94.0012

 20.3957, 17.6606,  
8.9594


165.1195,  
157.9125, 121.9137

 12.7929, 10.7066,  
4.6183

203.2507,  
195.6432, 154.8677

 7.3621, 5.8699,  
1.9703

246.8420,  
238.9508, 193.2817

 3.7379, 2.7661,  
0.5369

296.2589,

 1.5550, 1.0109,

288.2197, 237.5743

0.0000

351.8666,  
343.8342, 288.1641

■ 0.3628, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.8892, 55.0704,  
36.3273

■ 59.8892, 55.0704,  
36.3273

■ 54.9827, 48.0914,  
25.9551

■ 65.5970, 62.9917,  
49.0025

■ 50.8342, 42.0101,  
17.7418

■ 72.1381, 71.8819,  
64.1063

■ 47.4025, 36.7899,  
11.5320

■ 79.5477, 81.7761,  
81.7589

■ 44.6400, 32.3882,  
7.1478

■ 87.8576, 92.7055,  
102.0716

■ 42.4919, 28.7579,  
4.3789

■ 91.4662, 98.1525,  
108.7323

■ 40.8843, 25.8423,  
2.9194

■ 40.7144, 25.5288,  
2.7817

# Harmonies

## Analogous

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



64.2181, 55.0704, 47.3290



59.8892, 55.0704, 36.3273



53.7683, 55.0704, 31.7924

# Triad

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



59.8892, 55.0704, 36.3273



41.2590, 55.0704, 56.0065



57.2520, 55.0704, 97.6047

# Complementary

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



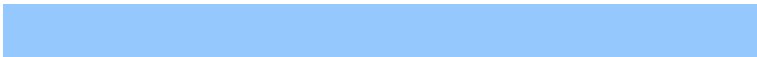
59.8892, 55.0704, 36.3273



52.8525, 60.6629, 95.3098

# 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.



50.9426, 55.0704, 101.2059



59.8892, 55.0704, 36.3273



42.0298, 55.0704, 74.6646

# Square

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



59.8892, 55.0704, 36.3273



43.2622, 55.0704, 41.5923



45.4585, 55.0704, 92.1122



62.6126, 55.0704, 83.0732



# Rectangle

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



59.8892, 55.0704, 36.3273



49.6237, 55.0704, 32.2427



45.4585, 55.0704, 92.1122



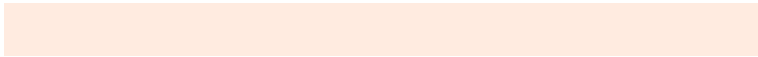
55.1594, 55.0704, 100.2391

# Sweetspot

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



59.8906, 55.0730, 36.3284



84.3740, 85.9137, 82.9418



60.6155, 46.0468, 68.8664



17.8292, 18.0821, 17.2026



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.



59.8906, 55.0730, 36.3284



61.0565, 53.8791, 30.1588



71.2269, 77.7456, 40.1072



16.9554, 17.3948, 17.2615



22.0478, 13.9813, 1.5366



2.0289, 1.4110, 0.1654

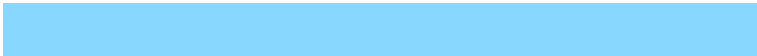


# Inverse Universe

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



52.8525, 60.6629, 95.3098



52.2703, 60.7924, 103.5869



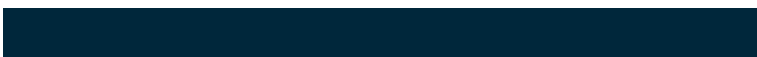
42.6656, 40.2891, 91.9141



16.4991, 17.7624, 21.1015



16.0161, 17.8260, 49.1347



1.5023, 1.7560, 4.3500



# Previews

## White Background



This preview shows how the XYZ color 59.8892, 55.0704, 36.3273 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

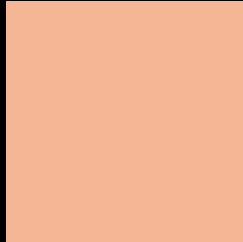
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.8892, 55.0704, 36.3273 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

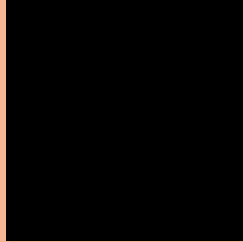
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 59.8892, 55.0704, 36.3273**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.8892, 55.0704, 36.3273.



This preview shows how white text looks on a background with the XYZ color 59.8892, 55.0704,



# 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

59.8892, 55.0704, 36.3273

### Protanopia

51.7531, 55.2901, 39.3969

### Deuteranopia

56.3630, 55.1253, 36.1034



## Tritanopia

63.8865, 54.9081, 55.9463

# Trichromacy



## Original Color

59.8892, 55.0704, 36.3273

## Protanomaly

54.2823, 54.9668, 38.3205

## Deuteranomaly

57.5758, 55.1206, 36.0385

## Tritanomaly

62.3697, 54.8924, 47.8655

# Monochromacy



## Original Color

59.8892, 55.0704, 36.3273

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

54.8194, 55.2907, 50.9629

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.8892, 55.0704, 36.3273 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(245, 182, 150)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 150)  
}
```

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(245, 182, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 150) }
```

## Border

The CSS property to change the border of an element to XYZ 59.8892, 55.0704, 36.3273 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(245, 182, 150) }
```



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

```
.border{ border-color:rgb(245, 182, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 182, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 182, 150);  
box-shadow:4px 4px 4px 4px rgb(245, 182,  
150) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.8892, 55.0704, 36.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 150) }
```

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

```
.background{ background-color: rgb(245,  
182, 150) }
```

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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