

# Converting Colors

XYZ(86.3574, 71.8567, 59.2710)

Have a look what the booklet for  
XYZ(86.3574, 71.8567, 59.2710)  
contains.

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# Color

**XYZ(69.8244, 63.2057,  
58.3889)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC1C0
RGB	255, 193, 192
RGB Percent	100%, 76%, 75%
CMY	0.0000, 0.2431, 0.2471
CMYK	0.00, 0.24, 0.25, 0.00
HSL	1°, 100%, 88%
HSV	1°, 25%, 100%
XYZ	69.8244, 63.2057, 58.3889
YIQ	211.4240, 37.2730, 12.8330

# Conversions

## Conversions Part 2

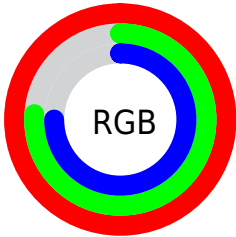
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 193, 192
Decimal	16761280
CIE <sub>Lab</sub>	83.55, 22.06, 9.15
CIE <sub>LCh</sub>	84, 23.881, 22.532
Yxy	63.2057, 0.3648, 0.3302
Android (android.graphics.Color)	4294951360 (0xFFFFC1C0)
YUV	211.4240, -9.5760, 38.2162
Hunter-Lab	79.5020, 17.6430, 12.1069

# Details

The XYZ color **69.8244, 63.2057, 58.3889** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2288, 89.3071, 107.8808**, and the grayscale version is **62.2427, 65.4842, 71.3123**.

A 20% lighter version of the original color is **92.3689, 96.4085, 102.5473**, and **36.9188, 32.1996, 28.6954** is the 20% darker color. If you saturate the color by 10%, you get **62.1556, 52.0048, 43.0799**, and if you desaturate by 10%, it is **78.9269, 76.4903, 76.5923**.

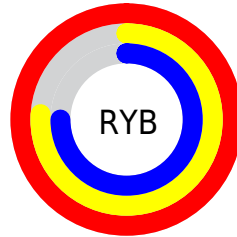
# Distribution



Red (100%)

Green (76%)

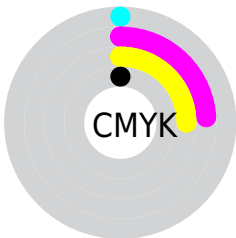
Blue (75%)



Red (100%)

Yellow (76%)

Blue (75%)

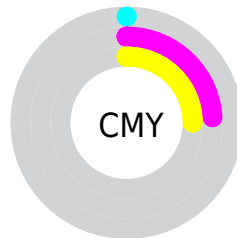


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8244, 63.2057, 58.3889 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 69.8244, 63.2057, 58.3889 by changing the saturation by 10% instead.





 69.8244, 63.2057,  
58.3889

 69.8244, 63.2057,  
58.3889


449.2092,  
436.3156, 436.2722

 51.6625, 46.0076,  
41.7046


 117.9859,  
109.4662, 104.0093

 36.9593, 32.2518,  
28.5462


148.7163,  
139.2975, 133.7826

 25.3495, 21.5539,  
18.4952


184.3667,  
174.1086, 168.7559

 16.4678, 13.5295,  
11.1330

225.3028,  
214.2839, 209.3478

 9.9487, 7.7942,  
6.0411

271.8897,  
260.2079, 255.9768

 5.4270, 3.9635,  
2.8009

324.4928,

 2.5372, 1.6532,

312.2649, 309.0615

0.9939

383.4775,  
370.8394, 369.0205

■ 0.9141, 0.3931,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 69.8244, 63.2057,  
58.3889

■ 69.8244, 63.2057,  
58.3889

■ 62.1556, 52.0048,  
43.0799

■ 78.9269, 76.4903,  
76.5923

■ 55.8433, 42.7740,  
30.5128

■ 89.5262, 91.9477,  
97.8242

■ 50.8097, 35.4020,  
20.5266

95.0500, 100.0000,  
108.9000

■ 46.9678, 29.7627,  
12.9425

■ 44.2192, 25.7147,  
7.5585

■ 42.4501, 23.0943,  
4.1398

■ 41.5219, 21.7023,  
2.3985

■ 41.2842, 21.3483,  
1.9447

# Harmonies

## Analogous

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



70.5794, 63.2057, 72.6220



69.8244, 63.2057, 58.3889



66.3858, 63.2057, 48.4455

# Triad

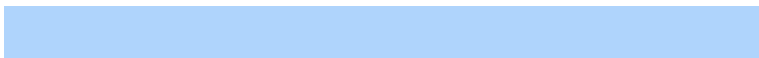
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8244, 63.2057, 58.3889



52.4605, 63.2057, 52.7826



58.7808, 63.2057, 101.4133

# Complementary

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



69.8244, 63.2057, 58.3889



75.2288, 89.3071, 107.8808

# 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.



54.1776, 63.2057, 94.2308



69.8244, 63.2057, 58.3889



50.6684, 63.2057, 65.1535

# Square

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



69.8244, 63.2057, 58.3889



56.3129, 63.2057, 45.5504



51.2784, 63.2057, 80.4254



64.0013, 63.2057, 98.9102



# Rectangle

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



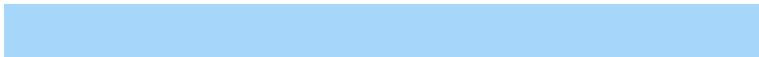
69.8244, 63.2057, 58.3889



63.1366, 63.2057, 44.8944



51.2784, 63.2057, 80.4254



57.1142, 63.2057, 100.0197

# Sweetspot

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



69.8259, 63.2085, 58.3902



86.9582, 88.2036, 92.6775



78.1399, 66.1799, 103.2633



18.4710, 18.6726, 19.5529



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.



69.8259, 63.2085, 58.3902



65.5910, 57.0242, 49.9329



77.2762, 78.1091, 60.8736



18.0326, 18.0334, 18.6747



21.5819, 11.1750, 1.0195



2.1092, 1.1037, 0.1019



# Inverse Universe

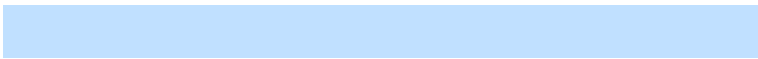
The Inverse Universe completely reimagines the original color for something new.



75.2288, 89.3071, 107.8808



71.8970, 87.4881, 107.7053



66.3102, 71.4699, 104.9079



18.5286, 20.4288, 23.2165



27.4573, 39.8242, 55.6743



2.6811, 3.8928, 5.4234



# Previews

## White Background



This preview shows how the XYZ color 69.8244, 63.2057, 58.3889 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

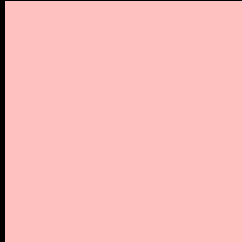
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.8244, 63.2057, 58.3889 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 69.8244, 63.2057, 58.3889**

## **Background**



This preview shows how black text looks on a background with the XYZ color 69.8244, 63.2057, 58.3889.



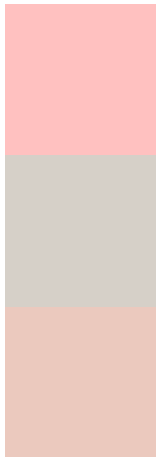
This preview shows how white text looks on a background with the XYZ color 69.8244, 63.2057,



# 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

69.8244, 63.2057, 58.3889

### Protanopia

60.7128, 63.5780, 63.7155

### Deuteranopia

64.4419, 63.1532, 57.5085



## Tritanopia

71.2302, 63.4155, 66.8787

# Trichromacy



## Original Color

69.8244, 63.2057, 58.3889

## Protanomaly

63.7471, 63.4011, 61.7011

## Deuteranomaly

66.2160, 63.0270, 57.9657

## Tritanomaly

70.6323, 63.1763, 63.7299

# Monochromacy



## Original Color

69.8244, 63.2057, 58.3889

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

64.1705, 63.8763, 66.0739

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.8244, 63.2057, 58.3889 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(255, 193, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 192)  
}
```

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(255, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 69.8244, 63.2057, 58.3889 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(255, 193, 192) }
```



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

```
.border{ border-color:rgb(255, 193, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.8244, 63.2057, 58.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 192) }
```

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

```
.background{ background-color: rgb(255,  
193, 192) }
```

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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