

# Converting Colors

XYZ(62.9344, 56.0785, 57.6424)

Have a look what the booklet for  
XYZ(62.9344, 56.0785, 57.6424)  
contains.

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# Color

**XYZ(62.8603, 56.1389,  
57.3920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2B6C0
RGB	242, 182, 192
RGB Percent	95%, 71%, 75%
CMY	0.0510, 0.2863, 0.2471
CMYK	0.00, 0.25, 0.21, 0.05
HSL	350°, 70%, 83%
HSV	350°, 25%, 95%
XYZ	62.8603, 56.1389, 57.3920
YIQ	201.0800, 32.5500, 15.8300

# Conversions

## Conversions Part 2

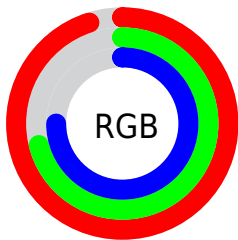
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 182, 192
Decimal	15906496
CIE Lab	79.69, 23.16, 3.43
CIE LCh	80, 23.412, 8.425
Yxy	56.1389, 0.3564, 0.3183
Android (android.graphics.Color)	4294096576 (0xFF2B6C0)
YUV	201.0800, -4.4764, 35.8868
Hunter-Lab	74.9259, 18.6352, 7.0330

# Details

The XYZ color **62.8603, 56.1389, 57.3920** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.6113, 79.2768, 88.1916**, and the grayscale version is **55.5810, 58.4755, 63.6798**.

A 20% lighter version of the original color is **88.7578, 89.1864, 101.3436**, and **32.5180, 27.8789, 28.0934** is the 20% darker color. If you saturate the color by 10%, you get **56.2423, 46.2370, 44.9061**, and if you desaturate by 10%, it is **70.6441, 67.8812, 71.7786**.

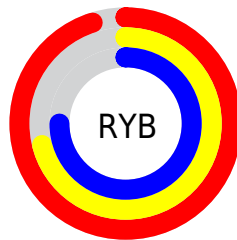
# Distribution



Red (95%)

Green (71%)

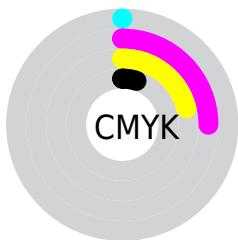
Blue (75%)



Red (95%)

Yellow (71%)

Blue (75%)

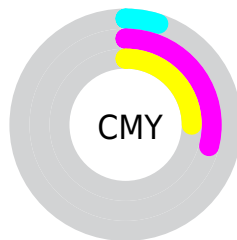


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (5%)



Cyan (5%)

Magenta (29%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8603, 56.1389, 57.3920 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 62.8603, 56.1389, 57.3920 by changing the saturation by 10% instead.





 62.8603, 56.1389,  
57.3920

 62.8603, 56.1389,  
57.3920


424.7300,  
410.2147, 432.4514

 45.9864, 40.3143,  
40.9086


 108.0509, 99.2076,  
102.5429

 32.4397, 27.7837,  
27.9285


137.0983,  
127.2206, 132.0476

 21.8547, 18.1627,  
18.0332


170.9343,  
160.0650, 166.7297

 13.8662, 11.0668,  
10.8041

209.9242,  
198.1255, 207.0078

 8.1087, 6.1118,  
5.8228

254.4334,  
241.7863, 253.3005

 4.2170, 2.9132,  
2.6706


304.8271,

 1.8256, 1.0866,


291.4318, 306.0263


0.9286


361.4709,  
347.4465, 365.6037


 0.5330, 0.0000,  
0.0000


 0.0000, 0.0000,  
0.0000


 62.8603, 56.1389,  
57.3920


 62.8603, 56.1389,  
57.3920


 56.2423, 46.2370,  
44.9061


 70.6441, 67.8812,  
71.7786


 50.7289, 38.0748,  
34.2375

 79.6416, 81.5426,  
88.1374

 46.2606, 31.5536,  
25.3019

 89.9036, 97.2066,  
106.5407

 42.7702, 26.5617,  
18.0066

 90.4281, 97.6173,  
108.6837

■ 40.1824, 22.9735,  
12.2503

■ 38.4107, 20.6432,  
7.9200

■ 37.3507, 19.3927,  
4.8862

■ 37.0066, 19.0327,  
3.7592

# Harmonies

## Analogous

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



62.2615, 56.1389, 71.2023



62.8603, 56.1389, 57.3920



60.7977, 56.1389, 46.3380

# Triad

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



62.8603, 56.1389, 57.3920



47.9084, 56.1389, 42.9222



50.0865, 56.1389, 88.6575

# Complementary

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



62.8603, 56.1389, 57.3920



65.6113, 79.2768, 88.1916

# 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.



46.5520, 56.1389, 78.7658



62.8603, 56.1389, 57.3920



45.3472, 56.1389, 52.0477

# Square

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



62.8603, 56.1389, 57.3920



52.0382, 56.1389, 38.8293



44.8657, 56.1389, 65.0180



54.7006, 56.1389, 90.6485



# Rectangle

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



62.8603, 56.1389, 57.3920



58.2587, 56.1389, 41.5288



44.8657, 56.1389, 65.0180



48.7408, 56.1389, 86.0828

# Sweetspot

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



62.8619, 56.1415, 57.3932



87.3142, 88.2139, 94.9596



66.0354, 57.0252, 91.5313



18.5531, 18.6750, 20.0793



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.



62.8619, 56.1415, 57.3932



66.6911, 57.0725, 56.9330



66.1837, 64.4980, 53.2203



15.8802, 15.8018, 16.9255



19.9134, 10.2378, 2.1946



1.6877, 0.8641, 0.3462



# Inverse Universe

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



62.8619, 56.1415, 57.3932



66.6911, 57.0725, 56.9330



61.4418, 68.6004, 94.0077



15.8802, 15.8018, 16.9255



19.9134, 10.2378, 2.1946



1.6877, 0.8641, 0.3462



# Previews

## White Background



This preview shows how the XYZ color 62.8603, 56.1389, 57.3920 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

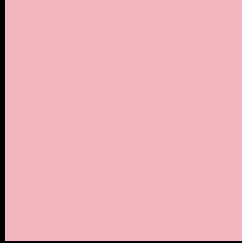
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.8603, 56.1389, 57.3920 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 62.8603, 56.1389, 57.3920**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.8603, 56.1389, 57.3920.



This preview shows how white text looks on a background with the XYZ color 62.8603, 56.1389,

57.3920.

# 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

62.8603, 56.1389, 57.3920

### Protanopia

54.2110, 56.3820, 62.6692

### Deuteranopia

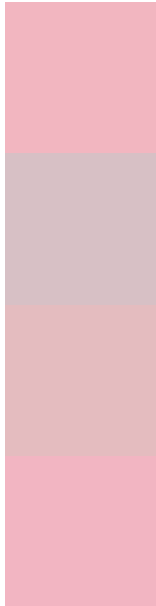
57.4403, 56.1950, 56.5345



## Tritanopia

62.9921, 55.8651, 59.0928

# Trichromacy



## Original Color

62.8603, 56.1389, 57.3920

## Protanomaly

56.9520, 56.1776, 60.6650

## Deuteranomaly

59.3821, 56.2220, 57.0124

## Tritanomaly

62.8794, 55.8200, 58.4992

# Monochromacy



## Original Color

62.8603, 56.1389, 57.3920

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

57.8037, 57.2597, 61.4317

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.8603, 56.1389, 57.3920 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(242, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 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(242, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 62.8603, 56.1389, 57.3920 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(242, 182, 192) }
```



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

```
.border{ border-color:rgb(242, 182, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 182, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.8603, 56.1389, 57.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 192) }
```

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

```
.background{ background-color: rgb(242,  
182, 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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