

# Converting Colors

XYZ(65.3576, 59.4977, 60.7411)

Have a look what the booklet for  
XYZ(65.3576, 59.4977, 60.7411)  
contains.

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# Color

**XYZ(65.5839, 59.6595,  
60.8821)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4BDC5
RGB	244, 189, 197
RGB Percent	96%, 74%, 77%
CMY	0.0431, 0.2588, 0.2274
CMYK	0.00, 0.23, 0.19, 0.04
HSL	351°, 71%, 85%
HSV	351°, 23%, 96%
XYZ	65.5839, 59.6595, 60.8821
YIQ	206.3570, 30.2120, 14.1480

# Conversions

## Conversions Part 2

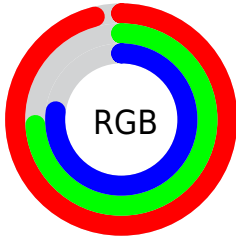
Format	Color
R <sub>Y</sub> B	244, 189, 197
Decimal	16039365
CIE Lab	81.65, 20.91, 3.60
CIE LCh	82, 21.221, 9.763
Yxy	59.6595, 0.3524, 0.3205
Android (android.graphics.Color)	4294229445 (0xFFF4BDC5)
YUV	206.3570, -4.6130, 33.0129
Hunter-Lab	77.2396, 16.3946, 7.3339

# Details

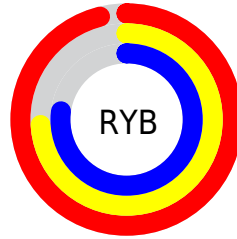
The XYZ color **65.5839, 59.6595, 60.8821** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4797, 81.5779, 91.4978**, and the grayscale version is **58.9114, 61.9794, 67.4956**.

A 20% lighter version of the original color is **91.7818, 93.7206, 107.0184**, and **34.1154, 29.8759, 29.9552** is the 20% darker color. If you saturate the color by 10%, you get **58.5438, 49.1420, 47.5512**, and if you desaturate by 10%, it is **73.8408, 72.0805, 76.2506**.

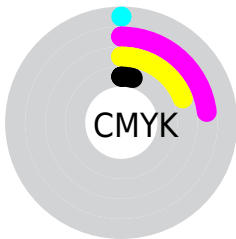
# Distribution



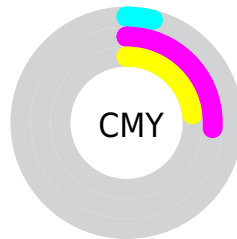
- Red (96%)
- Green (74%)
- Blue (77%)



- Red (96%)
- Yellow (74%)
- Blue (77%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (4%)




- Cyan (4%)
- Magenta (26%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5839, 59.6595, 60.8821 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 65.5839, 59.6595, 60.8821 by changing the saturation by 10% instead.





 65.5839, 59.6595,  
60.8821

 65.5839, 59.6595,  
60.8821


434.3994,  
423.3416, 445.7362

 48.2012, 43.1442,  
43.7001


 111.9500,  
104.3356, 107.6641

 34.1981, 29.9983,  
30.0993


141.6640,  
133.2652, 138.1011

 23.2095, 19.8373,  
19.6613


176.2191,  
167.1017, 173.7936

 14.8698, 12.2768,  
11.9675

215.9808,  
206.2295, 215.1600

 8.8138, 6.9325,  
6.5993

261.3143,  
251.0330, 262.6189

 4.6760, 3.4199,  
3.1381

312.5850,

 2.0913, 1.3547,

301.8966, 316.5889

1.1656

370.1582,  
359.2046, 377.4885

0.6845, 0.1830,  
0.0000

0.0000, 0.0000,  
0.0000

65.5839, 59.6595,  
60.8821

65.5839, 59.6595,  
60.8821

58.5438, 49.1420,  
47.5512

73.8408, 72.0805,  
76.2506

52.6580, 40.4261,  
36.1685

83.3633, 86.4841,  
93.7337

47.8656, 33.4129,  
26.6432

91.1185, 97.9732,  
108.7160

44.0984, 27.9905,  
18.8762

■ 41.2802, 24.0339,  
12.7585

■ 39.3241, 21.3988,  
8.1691

■ 38.1264, 19.9118,  
4.9696

■ 37.6190, 19.3574,  
3.3809

# Harmonies

## Analogous

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



65.1384, 59.6595, 73.8311



65.5839, 59.6595, 60.8821



63.5562, 59.6595, 50.4808

# Triad

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



65.5839, 59.6595, 60.8821



51.3938, 59.6595, 47.8481



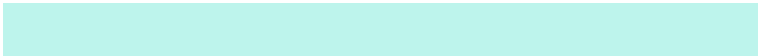
53.7894, 59.6595, 90.8386

# Complementary

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



65.5839, 59.6595, 60.8821



68.4797, 81.5779, 91.4978

# 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.



50.3640, 59.6595, 81.9705



65.5839, 59.6595, 60.8821



49.0320, 59.6595, 56.8279

# Square

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



65.5839, 59.6595, 60.8821



55.2625, 59.6595, 43.6344



48.6652, 59.6595, 69.2141



58.1715, 59.6595, 92.2975



# Rectangle

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



65.5839, 59.6595, 60.8821



61.1341, 59.6595, 45.9649



48.6652, 59.6595, 69.2141



52.4943, 59.6595, 88.5749

# Sweetspot

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



65.5856, 59.6622, 60.8833



87.2580, 88.1914, 94.6634



69.0377, 60.7198, 93.6700



18.5401, 18.6698, 20.0110



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.



65.5856, 59.6622, 60.8833



68.8125, 60.4339, 60.3580



69.1123, 68.1434, 57.6578



16.5973, 16.5218, 17.6258



20.4847, 10.5373, 1.9950



1.8297, 0.9378, 0.3294



# Inverse Universe

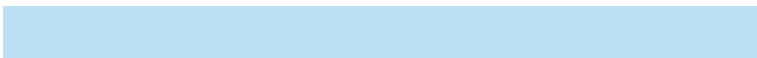
The Inverse Universe completely reimagines the original color for something new.



65.5856, 59.6622, 60.8833



68.8125, 60.4339, 60.3580



64.1753, 71.0680, 95.9237



16.5973, 16.5218, 17.6258



20.4847, 10.5373, 1.9950



1.8297, 0.9378, 0.3294



# Previews

## White Background



This preview shows how the XYZ color 65.5839, 59.6595, 60.8821 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

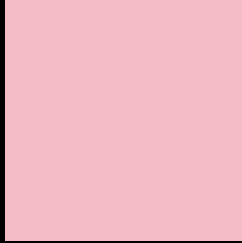
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.5839, 59.6595, 60.8821 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

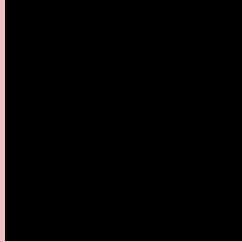
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 65.5839, 59.6595, 60.8821**

## **Background**



This preview shows how black text looks on a background with the XYZ color 65.5839, 59.6595, 60.8821.



This preview shows how white text looks on a background with the XYZ color 65.5839, 59.6595,



# 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

65.5839, 59.6595, 60.8821

### Protanopia

57.5936, 59.7706, 66.2590

### Deuteranopia

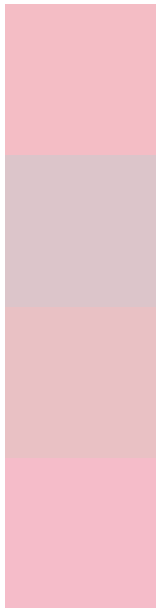
61.0678, 59.6341, 60.5165



## Tritanopia

66.4189, 59.6907, 64.5207

# Trichromacy



## Original Color

65.5839, 59.6595, 60.8821

## Protanomaly

60.1421, 59.4124, 64.1750

## Deuteranomaly

62.6380, 59.4491, 60.3980

## Tritanomaly

66.1820, 59.5960, 63.2733

# Monochromacy



## Original Color

65.5839, 59.6595, 60.8821

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

60.9490, 60.8360, 65.0301

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.5839, 59.6595, 60.8821 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(244, 189, 197) looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 197)  
}
```

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(244, 189, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 197) }
```

## Border

The CSS property to change the border of an element to XYZ 65.5839, 59.6595, 60.8821 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(244, 189, 197) }
```



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

```
.border{ border-color:rgb(244, 189, 197) }
```

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

Here you see how a box with a 4 pixel rgb(244, 189, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 197);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
197) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.5839, 59.6595, 60.8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 197) }
```

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

```
.background{ background-color: rgb(244,  
189, 197) }
```

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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