

# Converting Colors

XYZ(63.8420, 59.9643, 59.1817)

Have a look what the booklet for  
XYZ(63.8420, 59.9643, 59.1817)  
contains.

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# Color

**XYZ(64.0675, 60.2121,  
59.2843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC1C2
RGB	238, 193, 194
RGB Percent	93%, 76%, 76%
CMY	0.0667, 0.2431, 0.2392
CMYK	0.00, 0.19, 0.18, 0.07
HSL	359°, 57%, 85%
HSV	359°, 19%, 93%
XYZ	64.0675, 60.2121, 59.2843
YIQ	206.5690, 26.4990, 9.8510

# Conversions

## Conversions Part 2

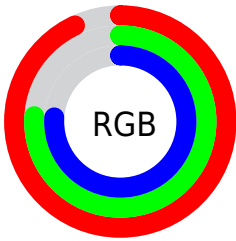
Format	Color
R <sub>Y</sub> B	238, 193, 194
Decimal	15647170
CIE Lab	81.95, 16.19, 5.57
CIE LCh	82, 17.118, 18.993
Yxy	60.2121, 0.3490, 0.3280
Android (android.graphics.Color)	4293837250 (0xFFEEC1C2)
YUV	206.5690, -6.1965, 27.5650
Hunter-Lab	77.5965, 11.5847, 9.0195

# Details

The XYZ color **64.0675, 60.2121, 59.2843** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8554, 78.6025, 91.7202**, and the grayscale version is **59.0590, 62.1347, 67.6647**.

A 20% lighter version of the original color is **92.6809, 96.5333, 104.1905**, and **33.0223, 30.1824, 28.8963** is the 20% darker color. If you saturate the color by 10%, you get **56.8112, 49.5597, 44.9640**, and if you desaturate by 10%, it is **72.5832, 72.7270, 76.0454**.

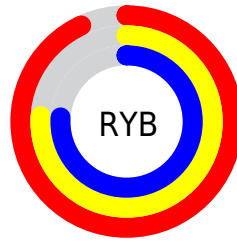
# Distribution



Red (93%)

Green (76%)

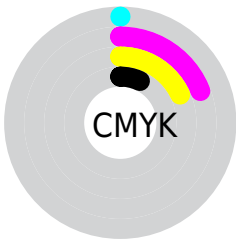
Blue (76%)



Red (93%)

Yellow (76%)

Blue (76%)

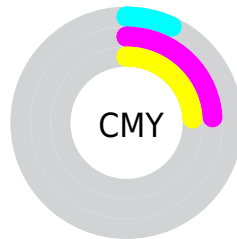


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (24%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0675, 60.2121, 59.2843 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 64.0675, 60.2121, 59.2843 by changing the saturation by 10% instead.





 64.0675, 60.2121,  
59.2843

 64.0675, 60.2121,  
59.2843

429.0317,  
425.3791, 439.6859

 46.9672, 43.5896,  
42.4205


 109.7813,  
105.1373, 105.3239

 33.2176, 30.3480,  
29.1027

139.1256,  
134.2088, 135.3369

 22.4532, 20.1029,  
18.9123


173.2819,  
168.1987, 170.5699

 14.3088, 12.4699,  
11.4307

212.6157,  
207.4915, 211.4416

 8.4189, 7.0645,  
6.2395

257.4921,  
252.4716, 258.3705

 4.4182, 3.5025,  
2.9201

308.2767,

 1.9413, 1.3994,

303.5232, 311.7752

1.0540

365.3348,  
361.0310, 372.0741

■ 0.6007, 0.2162,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 64.0675, 60.2121,  
59.2843

■ 64.0675, 60.2121,  
59.2843

■ 56.8112, 49.5597,  
44.9640

■ 72.5832, 72.7270,  
76.0454

■ 50.7499, 40.6731,  
32.9670

■ 82.4087, 87.1787,  
95.3495

■ 45.8209, 33.4595,  
23.1722

■ 89.0702, 96.9173,  
108.6201

■ 41.9541, 27.8140,  
15.4456

■ 39.0714, 23.6204,  
9.6391

■ 37.0839, 20.7458,  
5.5844

■ 35.8871, 19.0335,  
3.0848

■ 35.3313, 18.2510,  
1.8850

■ 35.2890, 18.1888,  
1.8021

# Harmonies

## Analogous

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



64.3384, 60.2121, 69.4414



64.0675, 60.2121, 59.2843



61.9200, 60.2121, 51.6379

# Triad

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



64.0675, 60.2121, 59.2843



52.1359, 60.2121, 53.3303



55.9109, 60.2121, 87.1417

# Complementary

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



64.0675, 60.2121, 59.2843



67.8554, 78.6025, 91.7202

# 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.



52.7827, 60.2121, 81.7851



64.0675, 60.2121, 59.2843



50.6651, 60.2121, 61.8274

# Square

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



64.0675, 60.2121, 59.2843



54.9941, 60.2121, 48.4590



50.8968, 60.2121, 72.2652



59.5253, 60.2121, 86.2759



# Rectangle

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



64.0675, 60.2121, 59.2843



59.7617, 60.2121, 48.6553



50.8968, 60.2121, 72.2652



54.7704, 60.2121, 85.9883

# Sweetspot

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



64.0692, 60.2148, 59.2856



88.0458, 89.6972, 95.1409



69.2626, 62.2343, 89.2515



18.6895, 18.9697, 20.0577



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.



64.0692, 60.2148, 59.2856



71.2114, 64.9589, 61.9984



68.9339, 70.1227, 60.3572



15.7870, 15.7645, 16.4345



19.6937, 10.1499, 1.0378



1.6433, 0.8464, 0.1124



# Inverse Universe

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



64.0692, 60.2148, 59.2856



71.2114, 64.9589, 61.9984



62.2402, 67.1386, 90.5682



15.7870, 15.7645, 16.4345



19.6937, 10.1499, 1.0378



1.6433, 0.8464, 0.1124



# Previews

## White Background



This preview shows how the XYZ color 64.0675, 60.2121, 59.2843 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

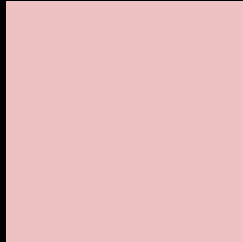
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 64.0675, 60.2121, 59.2843 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

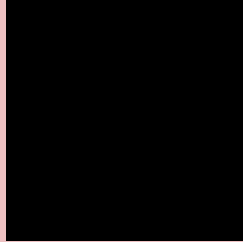
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 64.0675, 60.2121, 59.2843**

## **Background**



This preview shows how black text looks on a background with the XYZ color 64.0675, 60.2121, 59.2843.



This preview shows how white text looks on a background with the XYZ color 64.0675, 60.2121,



# 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

64.0675, 60.2121, 59.2843

### Protanopia

58.0758, 60.4373, 63.2482

### Deuteranopia

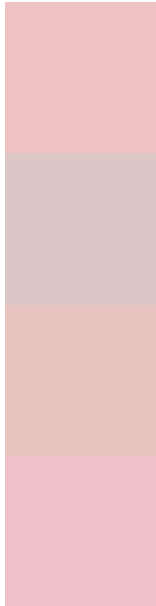
61.5868, 60.2767, 58.8407



## Tritanopia

65.3680, 60.0686, 66.5416

# Trichromacy



## Original Color

64.0675, 60.2121, 59.2843

## Protanomaly

60.1317, 60.1397, 61.8649

## Deuteranomaly

62.6443, 60.4859, 58.8253

## Tritanomaly

65.1069, 60.3143, 64.0874

# Monochromacy



## Original Color

64.0675, 60.2121, 59.2843

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

60.6946, 61.4108, 64.5316

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 64.0675, 60.2121, 59.2843 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(238, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(238, 193, 194)  
}
```

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(238, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 193, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 64.0675, 60.2121, 59.2843 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(238, 193, 194) }
```



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

```
.border{ border-color:rgb(238, 193, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 193, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(238, 193,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 64.0675, 60.2121, 59.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 193, 194) }
```

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

```
.background{ background-color: rgb(238,  
193, 194) }
```

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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