

Converting Colors

XYZ(64.2518, 60.3072, 60.8674)

Have a look what the booklet for
XYZ(64.2518, 60.3072, 60.8674)
contains.

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Color

**XYZ(64.4079, 60.3483,
61.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC1C5
RGB	238, 193, 197
RGB Percent	93%, 76%, 77%
CMY	0.0667, 0.2431, 0.2274
CMYK	0.00, 0.19, 0.17, 0.07
HSL	355°, 57%, 85%
HSV	355°, 19%, 93%
XYZ	64.4079, 60.3483, 61.0770
YIQ	206.9110, 25.5360, 10.7840

Conversions

Conversions Part 2

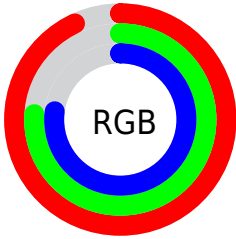
Format	Color
R _Y B	238, 193, 197
Decimal	15647173
CIE Lab	82.03, 16.64, 4.07
CIE LCh	82, 17.134, 13.737
Yxy	60.3483, 0.3466, 0.3247
Android (android.graphics.Color)	4293837253 (0xFFEEEC1C5)
YUV	206.9110, -4.8861, 27.2651
Hunter-Lab	77.6842, 12.0470, 7.7638

Details

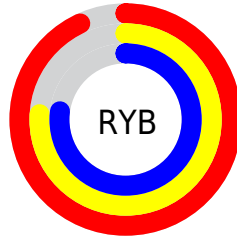
The XYZ color **64.4079, 60.3483, 61.0770** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4206, 78.4285, 89.4306**, and the grayscale version is **59.2712, 62.3580, 67.9078**.

A 20% lighter version of the original color is **93.3150, 96.7870, 107.5295**, and **33.4819, 30.3935, 30.0884** is the 20% darker color. If you saturate the color by 10%, you get **57.2552, 49.7373, 47.3022**, and if you desaturate by 10%, it is **72.7681, 72.8010, 77.0193**.

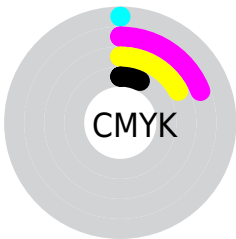
Distribution



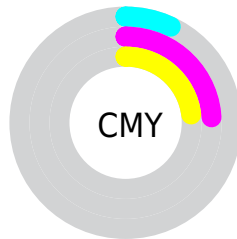
- Red (93%)
- Green (76%)
- Blue (77%)



- Red (93%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4079, 60.3483, 61.0770 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 64.4079, 60.3483, 61.0770 by changing the saturation by 10% instead.

 64.4079, 60.3483,
61.0770

 64.4079, 60.3483,
61.0770


430.2401,
425.8804, 446.4706

 47.2440, 43.6994,
43.8564


 110.2686,
105.3348, 107.9490

 33.4374, 30.4343,
30.2212

139.6962,
134.4411, 138.4375

 22.6226, 20.1685,
19.7531


173.9424,
168.4688, 174.1857

 14.4342, 12.5176,
12.0334

213.3726,
207.8022, 215.6120

 8.5070, 7.0972,
6.6436

258.3521,
252.8256, 263.1352

 4.4756, 3.5230,
3.1652

309.2462,

 1.9745, 1.4105,

303.9235, 317.1736

1.1796

366.4205,
361.4803, 378.1459

■ 0.6196, 0.2244,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4079, 60.3483,
61.0770

■ 64.4079, 60.3483,
61.0770

■ 57.2552, 49.7373,
47.3022

■ 72.7681, 72.8010,
77.0193

■ 51.2494, 40.8730,
35.5978

■ 82.3828, 87.1684,
95.2133

■ 46.3322, 33.6640,
25.8646

■ 89.0701, 96.9173,
108.6201

■ 42.4380, 28.0076,
17.9939

■ 39.4944, 23.7896,
11.8666

■ 37.4191, 20.8799,
7.3496

■ 36.1160, 19.1251,
4.2903

■ 35.4482, 18.2977,
2.5011

■ 35.3967, 18.2319,
2.3695

Harmonies

Analogous

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



64.3219, 60.3483, 71.4659



64.4079, 60.3483, 61.0770



62.5500, 60.3483, 52.8390

Triad

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



64.4079, 60.3483, 61.0770



52.6692, 60.3483, 52.3021



55.4272, 60.3483, 86.8206

Complementary

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



64.4079, 60.3483, 61.0770



67.4206, 78.4285, 89.4306

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.



52.4639, 60.3483, 80.5156



64.4079, 60.3483, 61.0770



50.9181, 60.3483, 60.2700

Square

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



64.4079, 60.3483, 61.0770



55.7182, 60.3483, 48.1458



50.8446, 60.3483, 70.5695



59.0322, 60.3483, 87.0955

Rectangle

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



64.4079, 60.3483, 61.0770



60.5026, 60.3483, 49.3680



50.8446, 60.3483, 70.5695



54.3267, 60.3483, 85.3084

Sweetspot

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



64.4096, 60.3510, 61.0783



88.1978, 89.7581, 95.9415



68.2721, 61.7237, 89.2050



18.7253, 18.9840, 20.2461



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.



64.4096, 60.3510, 61.0783



71.6674, 65.1413, 64.3994



68.1816, 68.6182, 60.1065



15.8298, 15.7816, 16.6599



19.7673, 10.1793, 1.4251



1.6638, 0.8546, 0.2203

Inverse Universe

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



64.4096, 60.3510, 61.0783



71.6674, 65.1413, 64.3994



63.0204, 68.6991, 90.8282



15.8298, 15.7816, 16.6599



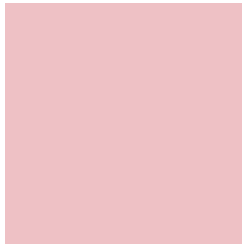
19.7673, 10.1793, 1.4251



1.6638, 0.8546, 0.2203

Previews

White Background



This preview shows how the XYZ color 64.4079, 60.3483, 61.0770 looks on a white background.

Color Contrast Check

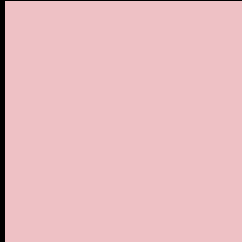
Large Text (above 18pt) WCAG AA × Fail

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 64.4079, 60.3483, 61.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

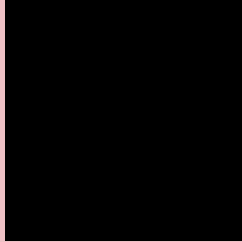
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4079, 60.3483, 61.0770

Background



This preview shows how black text looks on a background with the XYZ color 64.4079, 60.3483, 61.0770.



This preview shows how white text looks on a background with the XYZ color 64.4079, 60.3483,

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

64.4079, 60.3483, 61.0770

Protanopia

58.1479, 60.4336, 65.1000

Deuteranopia

61.6086, 60.2489, 60.6066



Tritanopia

65.5868, 60.5062, 66.6146

Trichromacy



Original Color

64.4079, 60.3483, 61.0770

Protanomaly

60.1795, 60.1240, 63.6916

Deuteranomaly

62.6587, 60.4543, 60.5909

Tritanomaly

65.2257, 60.3618, 64.7131

Monochromacy



Original Color

64.4079, 60.3483, 61.0770

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.8135, 61.4583, 65.1573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4079, 60.3483, 61.0770 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(238, 193, 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(238, 193, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 193, 197) }
```

Border

The CSS property to change the border of an element to XYZ 64.4079, 60.3483, 61.0770 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, 197) }
```


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

```
.border{ border-color:rgb(238, 193, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(238, 193,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4079, 60.3483, 61.0770 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, 197) }
```

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

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