

Converting Colors

XYZ(64.5140, 60.7846, 58.7844)

Have a look what the booklet for
XYZ(64.5140, 60.7846, 58.7844)
contains.

XYZ(64.5140, 60.7846, 58.7844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.5140, 60.7846,
58.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC2C1
RGB	239, 194, 193
RGB Percent	94%, 76%, 76%
CMY	0.0627, 0.2392, 0.2431
CMYK	0.00, 0.19, 0.19, 0.06
HSL	1°, 59%, 85%
HSV	1°, 19%, 94%
XYZ	64.5140, 60.7846, 58.7844
YIQ	207.3410, 27.1410, 9.2290

Conversions

Conversions Part 2

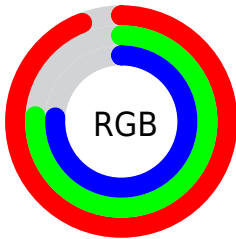
Format	Color
R_{YB}	239, 194, 193
Decimal	15712961
CIE _{Lab}	82.26, 15.87, 6.57
CIE _{LCh}	82, 17.173, 22.475
Yxy	60.7846, 0.3505, 0.3302
Android (android.graphics.Color)	4293903041 (0xFFEFC2C1)
YUV	207.3410, -7.0701, 27.7649
Hunter-Lab	77.9645, 11.2672, 9.8711

Details

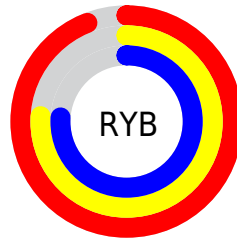
The XYZ color **64.5140, 60.7846, 58.7844** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1460, 78.7163, 93.2638**, and the grayscale version is **59.5614, 62.6632, 68.2402**.

A 20% lighter version of the original color is **92.8361, 97.0939, 103.4705**, and **33.4031, 30.5947, 28.9558** is the 20% darker color. If you saturate the color by 10%, you get **57.2604, 50.2046, 44.2585**, and if you desaturate by 10%, it is **73.0203, 73.1794, 75.8549**.

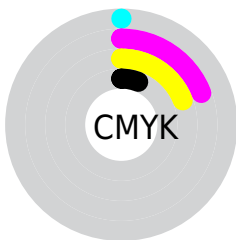
Distribution



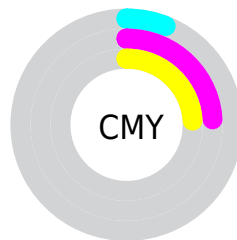
- Red (94%)
- Green (76%)
- Blue (76%)



- Red (94%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5140, 60.7846, 58.7844 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 64.5140, 60.7846, 58.7844 by changing the saturation by 10% instead.

64.5140, 60.7846,
58.7844

64.5140, 60.7846,
58.7844

430.6163,
427.4838, 437.7821

47.3303, 44.0514,
42.0207

110.4205,
105.9670, 104.5903

33.5059, 30.7109,
28.7918

139.8740,
135.1849, 134.4696

22.6754, 20.3788,
18.6792

174.1481,
169.3332, 169.5578

14.4734, 12.6707,
11.2642

213.6083,
208.7963, 210.2735

8.5345, 7.2022,
6.1284

258.6199,
253.9584, 257.0353

4.4935, 3.5889,
2.8533

309.5481,

1.9849, 1.4463,

305.2042, 310.2616

1.0202

366.7585,
362.9178, 370.3710

■ 0.6255, 0.2505,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5140, 60.7846,
58.7844

■ 64.5140, 60.7846,
58.7844

■ 57.2604, 50.2046,
44.2585

■ 73.0203, 73.1794,
75.8549

■ 51.1957, 41.3466,
32.1519

■ 82.8292, 87.4597,
95.5795

■ 46.2581, 34.1219,
22.3343

■ 89.4068, 97.0908,
108.6359

■ 42.3779, 28.4307,
14.6617

■ 39.4780, 24.1625,
8.9739

■ 37.4709, 21.1916,
5.0881

■ 36.2533, 19.3709,
2.7881

■ 35.6824, 18.5063,
1.7431

■ 35.6534, 18.4641,
1.6848

Harmonies

Analogous

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



65.0247, 60.7846, 68.8548



64.5140, 60.7846, 58.7844



62.1610, 60.7846, 51.4710

Triad

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



64.5140, 60.7846, 58.7844



52.3778, 60.7846, 54.6665



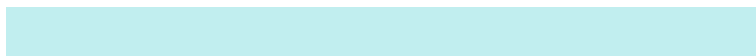
56.8585, 60.7846, 88.2093

Complementary

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



64.5140, 60.7846, 58.7844



68.1460, 78.7163, 93.2638

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.



53.5983, 60.7846, 83.4637



64.5140, 60.7846, 58.7844



51.0832, 60.7846, 63.5833

Square

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



64.5140, 60.7846, 58.7844



55.1288, 60.7846, 49.2741



51.5205, 60.7846, 74.1801



60.5023, 60.7846, 86.5780

Rectangle

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



64.5140, 60.7846, 58.7844



59.9160, 60.7846, 48.7873



51.5205, 60.7846, 74.1801



55.6836, 60.7846, 87.2911

Sweetspot

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



64.5157, 60.7874, 58.7857



88.0938, 89.8737, 94.9089



70.1340, 62.6781, 89.4707



18.7008, 19.0112, 20.0031



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.



64.5157, 60.7874, 58.7857



71.3535, 65.4811, 61.3121



69.9755, 71.7071, 60.6056



15.8005, 15.8141, 16.3694



19.7150, 10.2281, 0.9351



1.6498, 0.8702, 0.0810

Inverse Universe

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



68.1460, 78.7163, 93.2638



76.2588, 89.7082, 107.9039



61.9329, 66.2899, 91.1927



16.2161, 17.8662, 20.3155



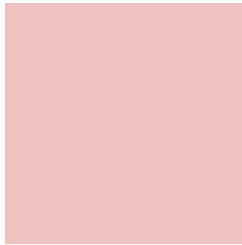
24.8485, 35.9212, 50.7517



2.0765, 3.0070, 4.2252

Previews

White Background



This preview shows how the XYZ color 64.5140, 60.7846, 58.7844 looks on a white background.

Color Contrast Check

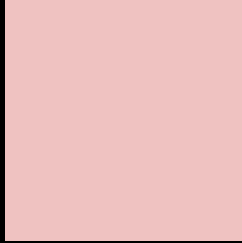
Large Text (above 18pt) WCAG AA × Fail

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 64.5140, 60.7846, 58.7844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

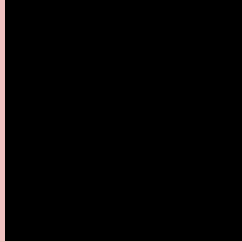
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5140, 60.7846, 58.7844

Background



This preview shows how black text looks on a background with the XYZ color 64.5140, 60.7846, 58.7844.

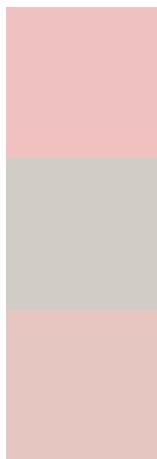


This preview shows how white text looks on a background with the XYZ color 64.5140, 60.7846,

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

64.5140, 60.7846, 58.7844

Protanopia

58.4800, 61.0109, 62.7269

Deuteranopia

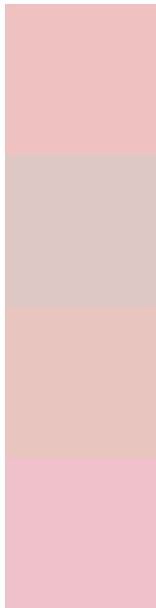
62.0216, 60.8520, 58.3459



Tritanopia

66.3877, 60.9050, 67.2883

Trichromacy



Original Color

64.5140, 60.7846, 58.7844

Protanomaly

60.5511, 60.7119, 61.3505

Deuteranomaly

63.0850, 61.0619, 58.3304

Tritanomaly

65.6658, 60.9295, 64.1767

Monochromacy



Original Color

64.5140, 60.7846, 58.7844

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9946, 61.5654, 64.5457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5140, 60.7846, 58.7844 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(239, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(239, 194, 193)  
}
```

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(239, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 194, 193) }
```

Border

The CSS property to change the border of an element to XYZ 64.5140, 60.7846, 58.7844 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(239, 194, 193) }
```


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

```
.border{ border-color:rgb(239, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(239, 194,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5140, 60.7846, 58.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 194, 193) }
```

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

```
.background{ background-color: rgb(239,  
194, 193) }
```

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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