

Converting Colors

XYZ(63.8675, 58.7378, 59.2646)

Have a look what the booklet for
XYZ(63.8675, 58.7378, 59.2646)
contains.

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Color

**XYZ(63.8704, 58.8155,
59.0251)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BDC2
RGB	240, 189, 194
RGB Percent	94%, 74%, 76%
CMY	0.0588, 0.2588, 0.2392
CMYK	0.00, 0.21, 0.19, 0.06
HSL	354°, 63%, 84%
HSV	354°, 21%, 94%
XYZ	63.8704, 58.8155, 59.0251
YIQ	204.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

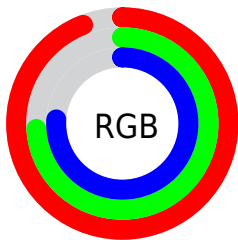
Format	Color
R _Y B	240, 189, 194
Decimal	15777218
CIE Lab	81.19, 19.03, 4.49
CIE LCh	81, 19.550, 13.288
Yxy	58.8155, 0.3515, 0.3237
Android (android.graphics.Color)	4293967298 (0xFFFF0BDC2)
YUV	204.8190, -5.3338, 30.8537
Hunter-Lab	76.6913, 14.4495, 8.0516

Details

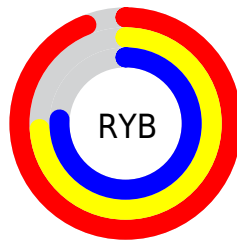
The XYZ color **63.8704, 58.8155, 59.0251** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.1442, 79.1386, 90.3377**, and the grayscale version is **57.9347, 60.9518, 66.3765**.

A 20% lighter version of the original color is **91.1477, 93.4669, 103.6794**, and **32.9260, 29.2887, 28.7288** is the 20% darker color. If you saturate the color by 10%, you get **56.8719, 48.4298, 45.5578**, and if you desaturate by 10%, it is **72.0807, 71.0567, 74.6452**.

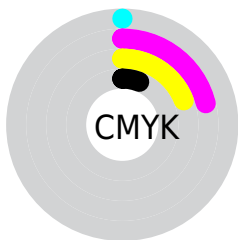
Distribution



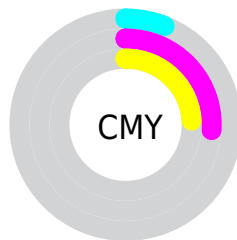
- Red (94%)
- Green (74%)
- Blue (76%)



- Red (94%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (6%)





- Cyan (6%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8704, 58.8155, 59.0251 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 63.8704, 58.8155, 59.0251 by changing the saturation by 10% instead.


 63.8704, 58.8155,
59.0251

 63.8704, 58.8155,
59.0251


428.3311,
420.2178, 438.6994

 46.8070, 42.4646,
42.2132


 109.4990,
103.1095, 104.9436

 33.0904, 29.4653,
28.9414


138.7950,
131.8213, 134.8873

 22.3553, 19.4331,
18.7913


172.8992,
165.4223, 170.0453

 14.2363, 11.9836,
11.3443

212.1770,
204.2968, 210.8362

 8.3680, 6.7325,
6.1818

256.9937,
248.8292, 257.6785

 4.3851, 3.2954,
2.8854


307.7147,

 1.9222, 1.2878,


299.4039, 310.9908


1.0364


364.7054,
356.4053, 371.1916


 0.5897, 0.1317,
0.0000


 0.0000, 0.0000,
0.0000

 63.8704, 58.8155,
59.0251


 63.8704, 58.8155,
59.0251


 56.8719, 48.4298,
45.5578


 72.0807, 71.0567,
74.6452

 51.0230, 39.8016,
34.1452

 81.5512, 85.2292,
92.5029

 46.2634, 32.8357,
24.6874

 89.7454, 97.2654,
108.6518

 42.5255, 27.4252,
17.0742

■ 39.7338, 23.4503,
11.1848

■ 37.8025, 20.7740,
6.8839

■ 36.6299, 19.2324,
4.0153

■ 36.0953, 18.5893,
2.5234

Harmonies

Analogous

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



63.7382, 58.8155, 70.7041



63.8704, 58.8155, 59.0251



61.7950, 58.8155, 49.8680

Triad

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



63.8704, 58.8155, 59.0251



50.7059, 58.8155, 49.0708



53.6819, 58.8155, 87.9957

Complementary

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



63.8704, 58.8155, 59.0251



67.1442, 79.1386, 90.3377

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.



50.3968, 58.8155, 80.6710



63.8704, 58.8155, 59.0251



48.7366, 58.8155, 57.8085

Square

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



63.8704, 58.8155, 59.0251



54.1227, 58.8155, 44.6091



48.6262, 58.8155, 69.3314



57.7206, 58.8155, 88.4248

Rectangle

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



63.8704, 58.8155, 59.0251



59.4947, 58.8155, 46.0321



48.6262, 58.8155, 69.3314



52.4577, 58.8155, 86.2214

Sweetspot

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



63.8720, 58.8182, 59.0263



88.2187, 89.7664, 96.0519



68.1555, 60.3344, 90.4922



18.7302, 18.9860, 20.2720



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.



63.8720, 58.8182, 59.0263



70.0602, 62.6847, 61.5280



68.0210, 67.9991, 57.6875



15.8357, 15.7840, 16.6910



19.7805, 10.1846, 1.4949



1.6666, 0.8557, 0.2351

Inverse Universe

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



63.8720, 58.8182, 59.0263



70.0602, 62.6847, 61.5280



62.2051, 68.0890, 92.3026



15.8357, 15.7840, 16.6910



19.7805, 10.1846, 1.4949



1.6666, 0.8557, 0.2351

Previews

White Background



This preview shows how the XYZ color 63.8704, 58.8155, 59.0251 looks on a white background.

Color Contrast Check

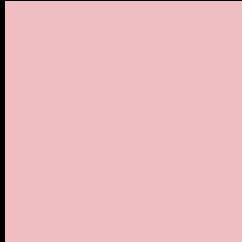
Large Text (above 18pt) WCAG AA × Fail

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 63.8704, 58.8155, 59.0251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

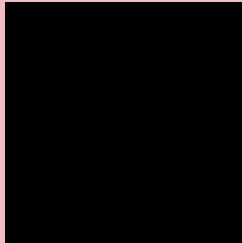
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.8704, 58.8155, 59.0251

Background



This preview shows how black text looks on a background with the XYZ color 63.8704, 58.8155, 59.0251.



This preview shows how white text looks on a background with the XYZ color 63.8704, 58.8155,

59.0251.

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

63.8704, 58.8155, 59.0251

Protanopia

56.8829, 59.1121, 63.6701

Deuteranopia

60.1921, 58.8880, 58.6461



Tritanopia

64.9195, 58.9315, 63.8304

Trichromacy



Original Color

63.8704, 58.8155, 59.0251

Protanomaly

59.0727, 58.9151, 61.6844

Deuteranomaly

61.3287, 58.8132, 58.5718

Tritanomaly

64.5677, 58.7907, 61.9775

Monochromacy



Original Color

63.8704, 58.8155, 59.0251

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.8795, 59.9693, 63.6776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8704, 58.8155, 59.0251 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(240, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(240, 189, 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(240, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 189, 194) }
```

Border

The CSS property to change the border of an element to XYZ 63.8704, 58.8155, 59.0251 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(240, 189, 194) }
```


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

```
.border{ border-color:rgb(240, 189, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 189, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 189, 194);  
box-shadow:4px 4px 4px 4px rgb(240, 189,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8704, 58.8155, 59.0251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 189, 194) }
```

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

```
.background{ background-color: rgb(240,  
189, 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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