

Converting Colors

XYZ(63.7333, 58.9506, 54.0434)

Have a look what the booklet for
XYZ(63.7333, 58.9506, 54.0434)
contains.

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Color

**XYZ(63.5725, 58.7752,
53.8931)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BDB9
RGB	242, 189, 185
RGB Percent	95%, 74%, 73%
CMY	0.0510, 0.2588, 0.2745
CMYK	0.00, 0.22, 0.24, 0.05
HSL	4°, 69%, 84%
HSV	4°, 24%, 95%
XYZ	63.5725, 58.7752, 53.8931
YIQ	204.3910, 32.8720, 9.9920

Conversions

Conversions Part 2

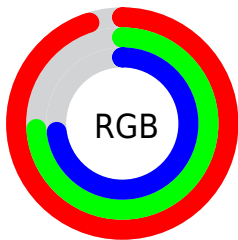
Format	Color
R _Y B	242, 189, 185
Decimal	15908281
CIE Lab	81.17, 18.44, 9.33
CIE LCh	81, 20.664, 26.826
Yxy	58.7752, 0.3607, 0.3335
Android (android.graphics.Color)	4294098361 (0xFFFF2BDB9)
YUV	204.3910, -9.5598, 32.9831
Hunter-Lab	76.6650, 13.8529, 11.9865

Details

The XYZ color **63.5725, 58.7752, 53.8931** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6084, 77.8721, 95.5250**, and the grayscale version is **57.6872, 60.6915, 66.0930**.

A 20% lighter version of the original color is **89.7696, 92.9157, 96.4222**, and **32.8364, 29.3082, 25.7562** is the 20% darker color. If you saturate the color by 10%, you get **56.7620, 48.9003, 40.0735**, and if you desaturate by 10%, it is **71.5718, 70.3310, 70.2555**.

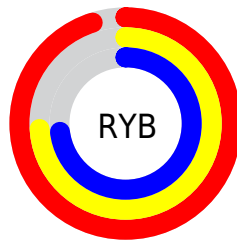
Distribution



Red (95%)

Green (74%)

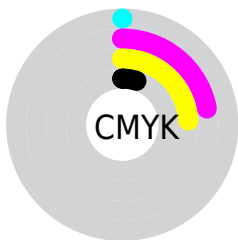
Blue (73%)



Red (95%)

Yellow (74%)

Blue (73%)

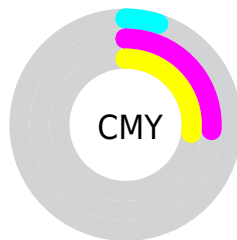


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (5%)



Cyan (5%)


Magenta (26%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5725, 58.7752, 53.8931 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 63.5725, 58.7752, 53.8931 by changing the saturation by 10% instead.


 63.5725, 58.7752,
53.8931

 63.5725, 58.7752,
53.8931

427.2710,
420.0683, 418.8653

 46.5649, 42.4322,
38.1236


 109.0722,
103.0509, 97.3721

 32.8983, 29.4399,
25.7761


138.2950,
131.7523, 125.9187

 22.2074, 19.4138,
16.4319


172.3203,
165.3420, 159.5614

 14.1269, 11.9697,
9.6727

211.5134,
204.2044, 198.7187

 8.2912, 6.7230,
5.0797

256.2397,
248.7238, 243.8092

 4.3352, 3.2895,
2.2345

306.8644,

 1.8935, 1.2847,

299.2847, 295.2515

0.6942

363.7531,
356.2714, 353.4640

■ 0.5730, 0.1293,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5725, 58.7752,
53.8931

■ 63.5725, 58.7752,
53.8931

■ 56.7620, 48.9003,
40.0735

■ 71.5718, 70.3310,
70.2555

■ 51.0791, 40.6204,
28.6656

■ 80.8080, 83.6324,
89.2755

■ 46.4642, 33.8543,
19.5322

■ 90.4281, 97.6173,
108.6837

■ 42.8504, 28.5101,
12.5208

■ 40.1630, 24.4865,
7.4602

■ 38.3172, 21.6681,
4.1526

■ 37.2120, 19.9202,
2.3584

■ 36.8186, 19.2783,
1.7805

Harmonies

Analogous

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



64.5335, 58.7752, 65.3162



63.5725, 58.7752, 53.8931



60.5117, 58.7752, 46.1509

Triad

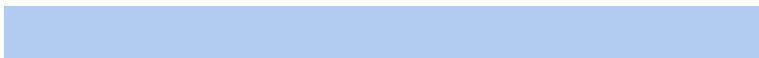
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.5725, 58.7752, 53.8931



49.2249, 58.7752, 51.8934



55.4076, 58.7752, 90.6723

Complementary

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



63.5725, 58.7752, 53.8931



66.6084, 77.8721, 95.5250

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.



51.4607, 58.7752, 85.9343



63.5725, 58.7752, 53.8931



48.0081, 58.7752, 62.6941

Square

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



63.5725, 58.7752, 53.8931



52.2150, 58.7752, 45.1046



48.8054, 58.7752, 75.2891



59.6793, 58.7752, 87.5399

Rectangle

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



63.5725, 58.7752, 53.8931



57.7698, 58.7752, 43.5968



48.8054, 58.7752, 75.2891



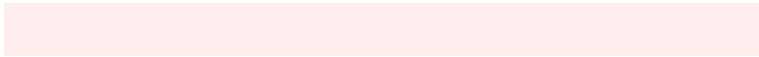
54.0007, 58.7752, 89.9340

Sweetspot

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



63.5741, 58.7779, 53.8943



87.2403, 88.7678, 92.7716



69.4295, 59.7607, 88.9191



18.5360, 18.8027, 19.5746



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.



63.5741, 58.7779, 53.8943



67.9650, 60.9342, 53.3072



70.2657, 72.1612, 56.1248



15.8620, 15.9371, 16.3899



19.8141, 10.4263, 0.9682



1.6793, 0.9292, 0.0908

Inverse Universe

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



66.6084, 77.8721, 95.5250



71.9021, 85.7222, 107.3641



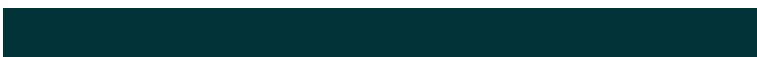
59.0079, 62.6710, 92.9914



16.1468, 17.7277, 20.2924



23.1164, 32.4570, 50.1743



1.9513, 2.7567, 4.1835

Previews

White Background



This preview shows how the XYZ color 63.5725, 58.7752, 53.8931 looks on a white background.

Color Contrast Check

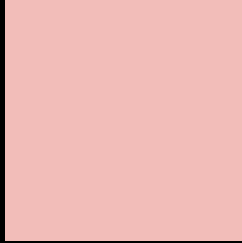
Large Text (above 18pt) WCAG AA × Fail

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 63.5725, 58.7752, 53.8931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

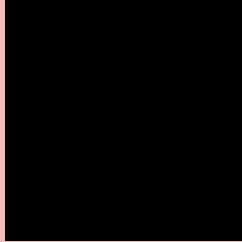
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5725, 58.7752, 53.8931

Background



This preview shows how black text looks on a background with the XYZ color 63.5725, 58.7752, 53.8931.

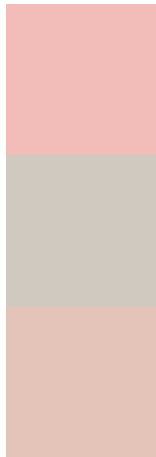


This preview shows how white text looks on a background with the XYZ color 63.5725, 58.7752,

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

63.5725, 58.7752, 53.8931

Protanopia

56.4135, 58.9890, 58.2819

Deuteranopia

60.1617, 58.9849, 53.5618



Tritanopia

65.6212, 58.9908, 63.1861

Trichromacy



Original Color

63.5725, 58.7752, 53.8931

Protanomaly

58.6668, 58.8223, 56.4059

Deuteranomaly

61.3260, 58.9243, 53.4887

Tritanomaly

64.7957, 58.9613, 59.5953

Monochromacy



Original Color

63.5725, 58.7752, 53.8931

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.4149, 59.7835, 61.2312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5725, 58.7752, 53.8931 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(242, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(242, 189, 185)  
}
```

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(242, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 189, 185) }
```

Border

The CSS property to change the border of an element to XYZ 63.5725, 58.7752, 53.8931 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(242, 189, 185) }
```


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

```
.border{ border-color:rgb(242, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(242, 189,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5725, 58.7752, 53.8931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 189, 185) }
```

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

```
.background{ background-color: rgb(242,  
189, 185) }
```

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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