

Converting Colors

XYZ(63.4124, 58.4687, 55.7621)

Have a look what the booklet for
XYZ(63.4124, 58.4687, 55.7621)
contains.

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Color

**XYZ(63.3359, 58.2981,
55.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BCBC
RGB	241, 188, 188
RGB Percent	95%, 74%, 74%
CMY	0.0549, 0.2627, 0.2627
CMYK	0.00, 0.22, 0.22, 0.05
HSL	0°, 65%, 84%
HSV	0°, 22%, 95%
XYZ	63.3359, 58.2981, 55.4914
YIQ	203.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

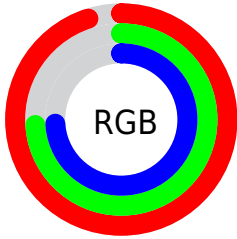
Format	Color
R _Y B	241, 188, 188
Decimal	15842492
CIE Lab	80.90, 19.03, 7.32
CIE LCh	81, 20.393, 21.042
Yxy	58.2981, 0.3576, 0.3291
Android (android.graphics.Color)	4294032572 (0xFFFF1BCBC)
YUV	203.8470, -7.8126, 32.5832
Hunter-Lab	76.3532, 14.4498, 10.3569

Details

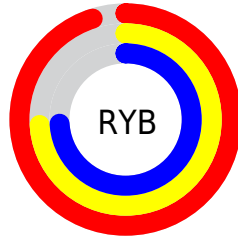
The XYZ color **63.3359, 58.2981, 55.4914** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0705, 79.9503, 95.0636**, and the grayscale version is **57.3331, 60.3188, 65.6872**.

A 20% lighter version of the original color is **89.9198, 92.4930, 98.7016**, and **32.8043, 29.2676, 26.8419** is the 20% darker color. If you saturate the color by 10%, you get **56.2267, 47.8957, 41.3565**, and if you desaturate by 10%, it is **71.7417, 70.5984, 72.2000**.

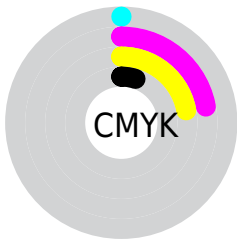
Distribution



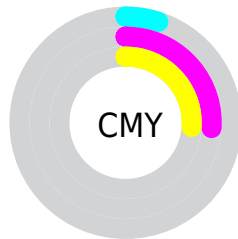
- Red (95%)
- Green (74%)
- Blue (74%)



- Red (95%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3359, 58.2981, 55.4914 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 63.3359, 58.2981, 55.4914 by changing the saturation by 10% instead.


 63.3359, 58.2981,
55.4914

 63.3359, 58.2981,
55.4914


426.4278,
418.2958, 425.1063

 46.3727, 42.0484,
39.3940


 108.7331,
102.3568, 99.7389

 32.7459, 29.1392,
26.7562

137.8977,
130.9346, 128.7262

 22.0901, 19.1861,
17.1594


171.8602,
164.3905, 162.8471

 14.0401, 11.8048,
10.1850

210.9859,
203.1089, 202.5203

 8.2305, 6.6109,
5.4146

255.6401,
247.4743, 248.1643

 4.2958, 3.2200,
2.4296

306.1883,

 1.8708, 1.2476,

297.8710, 300.1976

0.8025

362.9958,
354.6833, 359.0387

■ 0.5598, 0.1001,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3359, 58.2981,
55.4914

■ 63.3359, 58.2981,
55.4914

■ 56.2267, 47.8957,
41.3565

■ 71.7417, 70.5984,
72.2000

■ 50.3451, 39.2892,
29.6643

■ 81.4989, 84.8758,
91.5975

■ 45.6231, 32.3795,
20.2773

■ 90.0857, 97.4408,
108.6677

■ 41.9840, 27.0543,
13.0432

■ 39.3420, 23.1882,
7.7916

■ 37.5984, 20.6366,
4.3259

■ 36.6342, 19.2256,
2.4097

■ 36.2760, 18.7013,
1.6978

Harmonies

Analogous

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



63.8206, 58.2981, 67.1653



63.3359, 58.2981, 55.4914



60.6719, 58.2981, 47.0634

Triad

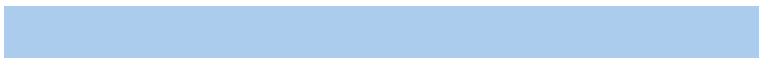
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3359, 58.2981, 55.4914



49.3360, 58.2981, 49.9550



54.1564, 58.2981, 89.3167

Complementary

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



63.3359, 58.2981, 55.4914



68.0705, 79.9503, 95.0636

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.



50.4626, 58.2981, 83.3211



63.3359, 58.2981, 55.4914



47.7739, 58.2981, 59.9257

Square

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



63.3359, 58.2981, 55.4914



52.5473, 58.2981, 44.1603



48.1756, 58.2981, 72.1936



58.3761, 58.2981, 87.7359

Rectangle

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



63.3359, 58.2981, 55.4914



58.0894, 58.2981, 43.9337



48.1756, 58.2981, 72.1936



52.8155, 58.2981, 88.0951

Sweetspot

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



63.3375, 58.3008, 55.4926



86.8761, 88.0394, 92.6502



70.1364, 61.0187, 91.3005



18.4520, 18.6348, 19.5466



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.



63.3375, 58.3008, 55.4926



68.5272, 61.1900, 56.1726



69.5265, 70.6787, 57.5556



15.7730, 15.7591, 16.3602



19.6717, 10.1414, 0.9207



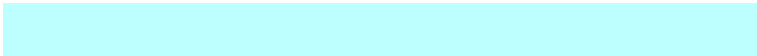
1.6365, 0.8437, 0.0766

Inverse Universe

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



68.0705, 79.9503, 95.0636



74.7200, 89.5166, 107.9480



60.7901, 65.3894, 92.6367



16.2473, 17.9287, 20.3259



25.6639, 37.5520, 51.0235



2.1350, 3.1241, 4.2447

Previews

White Background



This preview shows how the XYZ color 63.3359, 58.2981, 55.4914 looks on a white background.

Color Contrast Check

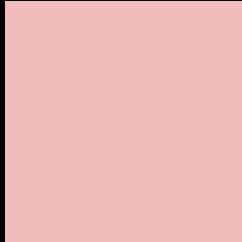
Large Text (above 18pt) WCAG AA × Fail

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 63.3359, 58.2981, 55.4914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

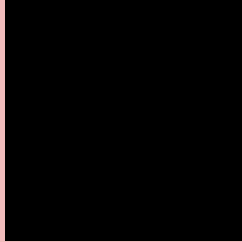
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3359, 58.2981, 55.4914

Background



This preview shows how black text looks on a background with the XYZ color 63.3359, 58.2981, 55.4914.



This preview shows how white text looks on a background with the XYZ color 63.3359, 58.2981,

55.4914.

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

63.3359, 58.2981, 55.4914

Protanopia

55.9582, 58.3705, 59.9471

Deuteranopia

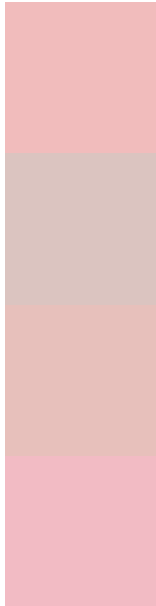
59.6255, 58.3402, 55.1319



Tritanopia

64.6022, 58.1652, 62.4657

Trichromacy



Original Color

63.3359, 58.2981, 55.4914

Protanomaly

58.4678, 58.3457, 58.0494

Deuteranomaly

60.7743, 58.2761, 55.0590

Tritanomaly

64.3521, 58.4034, 60.1058

Monochromacy



Original Color

63.3359, 58.2981, 55.4914

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.0024, 59.2171, 61.7464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3359, 58.2981, 55.4914 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(241, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 188)  
}
```

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(241, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 188) }
```

Border

The CSS property to change the border of an element to XYZ 63.3359, 58.2981, 55.4914 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(241, 188, 188) }
```


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

```
.border{ border-color:rgb(241, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3359, 58.2981, 55.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 188, 188) }
```

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

```
.background{ background-color: rgb(241,  
188, 188) }
```

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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