

Converting Colors

XYZ(65.7915, 63.8864, 55.8774)

Have a look what the booklet for
XYZ(65.7915, 63.8864, 55.8774)
contains.

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Color

**XYZ(65.7915, 63.8864,
55.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C9BB
RGB	240, 201, 187
RGB Percent	94%, 79%, 73%
CMY	0.0588, 0.2117, 0.2667
CMYK	0.00, 0.16, 0.22, 0.06
HSL	16°, 64%, 84%
HSV	16°, 22%, 94%
XYZ	65.7915, 63.8864, 55.8774
YIQ	211.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

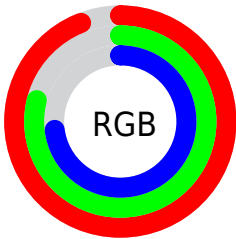
Format	Color
R _Y B	240, 206, 187
Decimal	15780283
CIE Lab	83.91, 11.66, 12.13
CIE LCh	84, 16.828, 46.118
Yxy	63.8864, 0.3546, 0.3443
Android (android.graphics.Color)	4293970363 (0xFFFF0C9BB)
YUV	211.0650, -11.8640, 25.3760
Hunter-Lab	79.9290, 7.0520, 14.5013

Details

The XYZ color **65.7915, 63.8864, 55.8774** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.4175, 71.2470, 92.8482**, and the grayscale version is **62.0243, 65.2544, 71.0621**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **34.2652, 32.6559, 27.0515** is the 20% darker color. If you saturate the color by 10%, you get **59.5516, 55.1803, 42.1631**, and if you desaturate by 10%, it is **72.9375, 73.7166, 72.0135**.

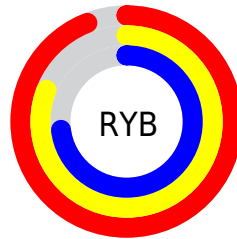
Distribution



Red (94%)

Green (79%)

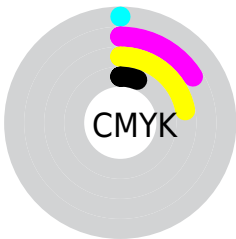
Blue (73%)



Red (94%)

Yellow (81%)

Blue (73%)

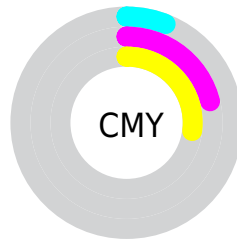


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (6%)



Cyan (6%)


Magenta (21%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7915, 63.8864, 55.8774 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 65.7915, 63.8864, 55.8774 by changing the saturation by 10% instead.


 65.7915, 63.8864,
55.8774

 65.7915, 63.8864,
55.8774


435.1312,
438.7793, 426.6046

 48.3702, 46.5587,
39.7013

 112.2464,
110.4473, 100.3093

 34.3327, 32.6869,
26.9937


142.0108,
140.4493, 129.4022

 23.3134, 21.8867,
17.3361


176.6202,
175.4448, 163.6378

 14.9470, 13.7737,
10.3099

216.4401,
215.8183, 203.4345

 8.8683, 7.9634,
5.4966

261.8358,
261.9540, 249.2111

 4.7118, 4.0716,
2.4777

313.1727,

 2.1122, 1.7137,

314.2365, 301.3859

0.8283

370.8160,
373.0502, 360.3776

■ 0.6958, 0.4325,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7915, 63.8864,
55.8774

■ 65.7915, 63.8864,
55.8774

■ 59.5516, 55.1803,
42.1631

■ 72.9375, 73.7166,
72.0135

■ 54.1755, 47.5490,
30.7491

■ 81.0195, 84.7005,
90.6771

■ 49.6247, 40.9527,
21.5092

■ 89.4212, 96.6169,
108.5437

■ 45.8560, 35.3452,
14.3032

■ 89.7454, 97.2654,
108.6517

■ 42.8218, 30.6772,
8.9747

■ 40.4687, 26.8943,
5.3438

■ 38.7347, 23.9359,
3.1947

■ 37.7361, 22.1268,
2.2820

Harmonies

Analogous

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



67.8209, 63.8864, 64.0538



65.7915, 63.8864, 55.8774



62.4462, 63.8864, 51.5873

Triad

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



65.7915, 63.8864, 55.8774



54.0702, 63.8864, 64.7837



62.7198, 63.8864, 91.0432

Complementary

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



65.7915, 63.8864, 55.8774



63.4175, 71.2470, 92.8482

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.



59.0301, 63.8864, 91.2897



65.7915, 63.8864, 55.8774



54.1368, 63.8864, 75.3760

Square

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



65.7915, 63.8864, 55.8774



55.7344, 63.8864, 56.3648



55.9200, 63.8864, 85.3149



65.9989, 63.8864, 84.6722

Rectangle

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



65.7915, 63.8864, 55.8774



59.9666, 63.8864, 51.1956



55.9200, 63.8864, 85.3149



61.4839, 63.8864, 91.8655

Sweetspot

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



65.7932, 63.8893, 55.8787



88.2604, 90.8081, 93.1116



67.5368, 59.5990, 80.4371



18.7715, 19.2737, 19.6531



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.



65.7932, 63.8893, 55.8787



72.5168, 69.1692, 57.5025



72.3062, 76.9153, 58.0497



16.1125, 16.4380, 16.4734



20.7496, 12.2972, 1.2800



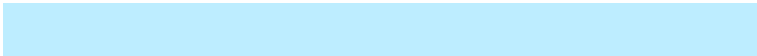
1.8048, 1.1803, 0.1327

Inverse Universe

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



63.4175, 71.2470, 92.8482



69.3856, 78.8478, 106.1699



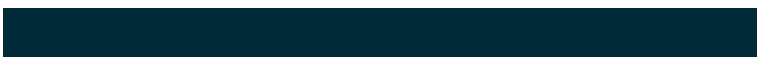
56.9347, 58.2813, 90.6873



15.8734, 17.1810, 20.2012



17.2858, 20.7959, 48.2308



1.5188, 1.8916, 4.0393

Previews

White Background



This preview shows how the XYZ color 65.7915, 63.8864, 55.8774 looks on a white background.

Color Contrast Check

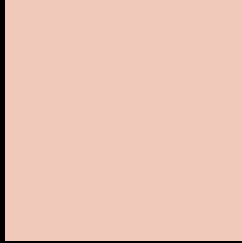
Large Text (above 18pt) WCAG AA × Fail

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 65.7915, 63.8864, 55.8774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

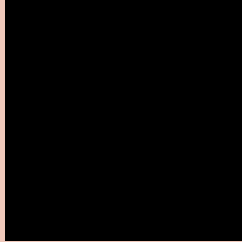
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7915, 63.8864, 55.8774

Background



This preview shows how black text looks on a background with the XYZ color 65.7915, 63.8864, 55.8774.



This preview shows how white text looks on a background with the XYZ color 65.7915, 63.8864,

55.8774.

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

65.7915, 63.8864, 55.8774

Protanopia

60.8197, 64.1142, 58.4600

Deuteranopia

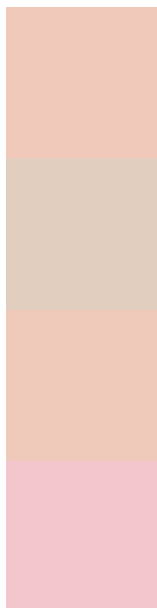
65.3501, 64.0061, 55.9238



Tritanopia

68.9386, 63.7913, 71.6303

Trichromacy



Original Color

65.7915, 63.8864, 55.8774

Protanomaly

62.4169, 63.8679, 57.7532

Deuteranomaly

65.6868, 64.1796, 55.9396

Tritanomaly

67.7111, 63.6250, 65.8388

Monochromacy



Original Color

65.7915, 63.8864, 55.8774

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.0977, 64.4195, 64.9857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7915, 63.8864, 55.8774 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, 201, 187)` looks like.

```
.text, #text, p{  
    color:rgb(240, 201, 187)  
}
```

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, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 201, 187) }
```

Border

The CSS property to change the border of an element to XYZ 65.7915, 63.8864, 55.8774 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, 201, 187) }
```


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

```
.border{ border-color:rgb(240, 201, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 201, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 201, 187);  
box-shadow:4px 4px 4px 4px rgb(240, 201,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7915, 63.8864, 55.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 201, 187) }
```

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

```
.background{ background-color: rgb(240,  
201, 187) }
```

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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