

Converting Colors

XYZ(62.9594, 63.2204, 57.8870)

Have a look what the booklet for
XYZ(62.9594, 63.2204, 57.8870)
contains.

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Color

**XYZ(63.0730, 63.1315,
58.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CBBF
RGB	229, 203, 191
RGB Percent	90%, 80%, 75%
CMY	0.1020, 0.2039, 0.2510
CMYK	0.00, 0.11, 0.17, 0.10
HSL	19°, 42%, 82%
HSV	19°, 17%, 90%
XYZ	63.0730, 63.1315, 58.1515
YIQ	209.4060, 19.3480, 1.7800

Conversions

Conversions Part 2

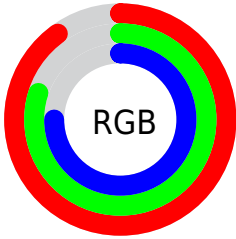
Format	Color
R _Y B	229, 209, 191
Decimal	15059903
CIE Lab	83.51, 7.19, 9.30
CIE LCh	84, 11.759, 52.305
Yxy	63.1315, 0.3421, 0.3424
Android (android.graphics.Color)	4293249983 (0xFFE5CBBF)
YUV	209.4060, -9.0742, 17.1839
Hunter-Lab	79.4553, 2.6495, 12.2258

Details

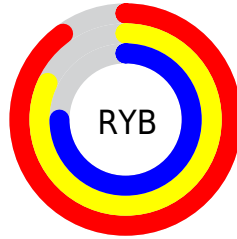
The XYZ color **63.0730, 63.1315, 58.1515** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.4411, 66.3576, 83.7519**, and the grayscale version is **60.9195, 64.0921, 69.7963**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **32.5685, 32.2141, 28.5462** is the 20% darker color. If you saturate the color by 10%, you get **57.2332, 55.1741, 44.7285**, and if you desaturate by 10%, it is **69.6842, 71.9999, 73.7771**.

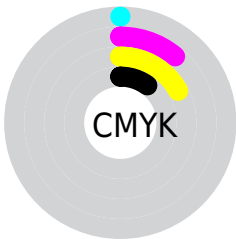
Distribution



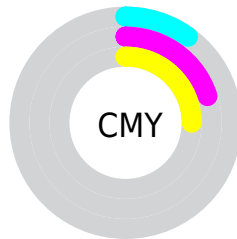
- Red (90%)
- Green (80%)
- Blue (75%)



- Red (90%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0730, 63.1315, 58.1515 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 63.0730, 63.1315, 58.1515 by changing the saturation by 10% instead.

 63.0730, 63.1315,
58.1515

 63.0730, 63.1315,
58.1515


425.4898,
436.0466, 435.3642

 46.1591, 45.9476,
41.5150


 108.3560,
109.3592, 103.6604

 32.5766, 32.2045,
28.3989


137.4559,
139.1718, 133.3698

 21.9599, 21.5177,
18.3850


171.3485,
173.9627, 168.2740

 13.9439, 13.5030,
11.0544

210.3992,
214.1164, 208.7914

 8.1631, 7.7758,
5.9888

254.9733,
260.0173, 255.3405

 4.2522, 3.9518,
2.7696

305.4362,

 1.8458, 1.6466,

312.0496, 308.3401

0.9782

362.1533,
370.5979, 368.2084

■ 0.5450, 0.3887,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0730, 63.1315,
58.1515

■ 63.0730, 63.1315,
58.1515

■ 57.2332, 55.1741,
44.7285

■ 69.6842, 71.9999,
73.7771

■ 52.1303, 48.0898,
33.4042

■ 77.0893, 81.7988,
91.6946

■ 47.7347, 41.8505,
24.0724

■ 84.5499, 92.2512,
107.9578

■ 44.0129, 36.4231,
16.6158

■ 86.1233, 95.3981,
108.4822

■ 40.9281, 31.7724,
10.9047

■ 38.4396, 27.8603,
6.7927

■ 36.5014, 24.6449,
4.1089

■ 35.0577, 22.0785,
2.6379

■ 34.6529, 21.3373,
2.2921

Harmonies

Analogous

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



64.6871, 63.1315, 63.5136



63.0730, 63.1315, 58.1515



60.6678, 63.1315, 55.6630

Triad

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



63.0730, 63.1315, 58.1515



55.2457, 63.1315, 66.8643



61.8972, 63.1315, 82.6621

Complementary

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



63.0730, 63.1315, 58.1515



60.4411, 66.3576, 83.7519

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.



59.3462, 63.1315, 83.7185



63.0730, 63.1315, 58.1515



55.5537, 63.1315, 74.2444

Square

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



63.0730, 63.1315, 58.1515



56.1837, 63.1315, 60.4546



57.0374, 63.1315, 80.5404



63.9949, 63.1315, 77.7487

Rectangle

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



63.0730, 63.1315, 58.1515



58.9590, 63.1315, 55.8347



57.0374, 63.1315, 80.5404



61.0625, 63.1315, 83.4935

Sweetspot

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



63.0747, 63.1343, 58.1528



90.3449, 93.7665, 97.5385



63.5471, 58.9615, 74.0876



19.2004, 19.8876, 20.5483



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.



63.0747, 63.1343, 58.1528



77.7615, 76.8644, 67.8646



67.6799, 72.3446, 59.6879



14.7467, 15.1073, 15.0432



19.9082, 12.3905, 1.3423



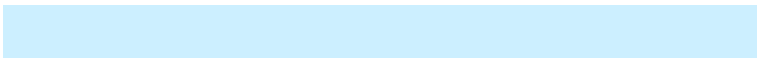
1.5522, 1.0777, 0.1262

Inverse Universe

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



60.4411, 66.3576, 83.7519



73.7858, 81.7253, 106.4934



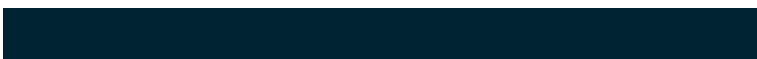
55.9610, 57.3974, 82.2586



14.4033, 15.5281, 18.3824



15.0593, 17.1808, 44.9057



1.1953, 1.4345, 3.3459

Previews

White Background



This preview shows how the XYZ color 63.0730, 63.1315, 58.1515 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 63.0730, 63.1315, 58.1515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

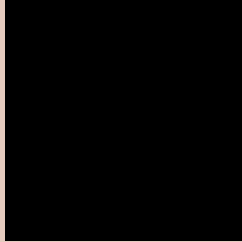
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0730, 63.1315, 58.1515

Background



This preview shows how black text looks on a background with the XYZ color 63.0730, 63.1315, 58.1515.



This preview shows how white text looks on a background with the XYZ color 63.0730, 63.1315,

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

63.0730, 63.1315, 58.1515

Protanopia

59.9628, 62.9230, 59.4370

Deuteranopia

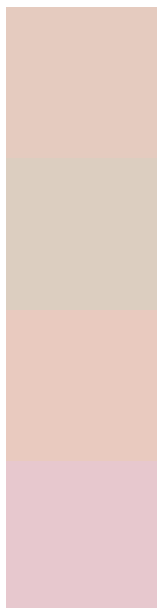
64.5516, 63.1970, 58.0862



Tritanopia

65.9679, 62.9089, 72.9557

Trichromacy



Original Color

63.0730, 63.1315, 58.1515

Protanomaly

61.1009, 63.1640, 58.8407

Deuteranomaly

64.1288, 63.3263, 58.1335

Tritanomaly

64.7499, 62.7537, 67.0925

Monochromacy



Original Color

63.0730, 63.1315, 58.1515

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2924, 63.4888, 64.9012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0730, 63.1315, 58.1515 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(229, 203, 191)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 191)  
}
```

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(229, 203, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 191) }
```

Border

The CSS property to change the border of an element to XYZ 63.0730, 63.1315, 58.1515 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(229, 203, 191) }
```


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

```
.border{ border-color:rgb(229, 203, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 203, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 191);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0730, 63.1315, 58.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 191) }
```

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

```
.background{ background-color: rgb(229,  
203, 191) }
```

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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