

Converting Colors

XYZ(62.8015, 57.7771, 62.1819)

Have a look what the booklet for
XYZ(62.8015, 57.7771, 62.1819)
contains.

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Color

**XYZ(63.0006, 57.9694,
62.5123)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ECBCC8 |
| RGB | 236, 188, 200 |
| RGB Percent | 93%, 74%, 78% |
| CMY | 0.0745, 0.2627, 0.2157 |
| CMYK | 0.00, 0.20, 0.15, 0.07 |
| HSL | 345°, 56%, 83% |
| HSV | 345°, 20%, 93% |
| XYZ | 63.0006, 57.9694, 62.5123 |
| YIQ | 203.7200, 24.7560, 13.9080 |

Conversions

Conversions Part 2

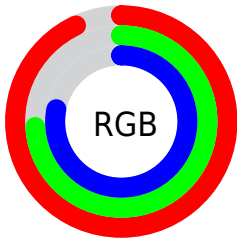
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 236, 188, 200 |
| Decimal | 15514824 |
| CIE Lab | 80.72, 19.05, 0.54 |
| CIE LCh | 81, 19.055, 1.611 |
| Yxy | 57.9694, 0.3434, 0.3159 |
| Android (android.graphics.Color) | 4293704904 (0xFFECBCC8) |
| YUV | 203.7200, -1.8340, 28.3096 |
| Hunter-Lab | 76.1376, 14.4602, 4.6167 |

Details

The XYZ color **63.0006, 57.9694, 62.5123** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1913, 76.0655, 81.8235**, and the grayscale version is **57.2194, 60.1992, 65.5570**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **32.6747, 29.1066, 31.0901** is the 20% darker color. If you saturate the color by 10%, you get **56.4150, 47.9191, 50.6945**, and if you desaturate by 10%, it is **70.6534, 69.7695, 75.8690**.

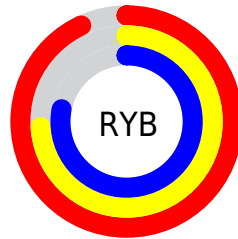
Distribution



Red (93%)

Green (74%)

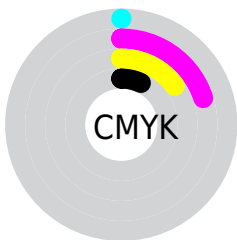
Blue (78%)



Red (93%)

Yellow (74%)

Blue (78%)

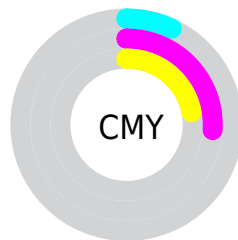


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (7%)



Cyan (7%)

Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0006, 57.9694, 62.5123 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 63.0006, 57.9694, 62.5123 by changing the saturation by 10% instead.

 63.0006, 57.9694,
62.5123

 63.0006, 57.9694,
62.5123


425.2313,
417.0719, 451.8565

 46.1003, 41.7840,
45.0083


 108.2522,
101.8783, 110.0444

 32.5300, 28.9322,
31.1210

137.3342,
130.3706, 140.9095

 21.9241, 19.0296,
20.4318


171.2076,
163.7341, 177.0655

 13.9174, 11.6916,
12.5221

210.2376,
202.3530, 218.9309

 8.1446, 6.5341,
6.9735

254.7896,
246.6119, 266.9241

 4.2402, 3.1725,
3.3673

305.2290,

 1.8389, 1.2224,

296.8951, 321.4637

1.2851

361.9211,
353.5869, 382.9683

■ 0.5409, 0.0799,
0.0495

■ 0.0000, 0.0000,
0.0000

■ 63.0006, 57.9694,
62.5123

■ 63.0006, 57.9694,
62.5123

■ 56.4150, 47.9191,
50.6945

■ 70.6534, 69.7695,
75.8690

■ 50.8435, 39.5274,
40.3556

■ 79.4135, 83.3891,
90.8141

■ 46.2359, 32.7068,
31.4374

■ 88.0989, 96.4516,
106.9908

■ 42.5355, 27.3586,
23.8757

■ 88.4023, 96.5730,
108.5889

■ 39.6793, 23.3726,
17.6018

■ 37.5963, 20.6232,
12.5399

■ 36.2025, 18.9611,
8.6057

■ 35.3814, 18.1486,
5.7739

Harmonies

Analogous

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



62.0156, 57.9694, 73.9752



63.0006, 57.9694, 62.5123



61.7860, 57.9694, 52.4432

Triad

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



63.0006, 57.9694, 62.5123



51.2322, 57.9694, 46.4270



51.5836, 57.9694, 84.1317

Complementary

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



63.0006, 57.9694, 62.5123



64.1913, 76.0655, 81.8235

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.



48.9113, 57.9694, 75.1530



63.0006, 57.9694, 62.5123



48.7153, 57.9694, 53.3802

Square

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



63.0006, 57.9694, 62.5123



54.8860, 57.9694, 43.8665



47.8858, 57.9694, 63.7293



55.3109, 57.9694, 87.3121

Rectangle

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



63.0006, 57.9694, 62.5123



59.9243, 57.9694, 47.6328



47.8858, 57.9694, 63.7293



50.5384, 57.9694, 81.6428

Sweetspot

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



63.0022, 57.9720, 62.5135



88.5688, 89.9065, 97.8951



63.8659, 57.8726, 87.1619



18.8127, 19.0189, 20.7062



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.



63.0022, 57.9720, 62.5135



72.0078, 64.3628, 69.0120



64.3253, 62.7747, 56.3065



15.2199, 15.1158, 16.4432



19.5463, 10.0212, 3.4121



1.5724, 0.8019, 0.4658

Inverse Universe

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



63.0022, 57.9720, 62.5135



72.0078, 64.3628, 69.0120



62.5370, 70.0606, 89.5845



15.2199, 15.1158, 16.4432



19.5463, 10.0212, 3.4121



1.5724, 0.8019, 0.4658

Previews

White Background



This preview shows how the XYZ color 63.0006, 57.9694, 62.5123 looks on a white background.

Color Contrast Check

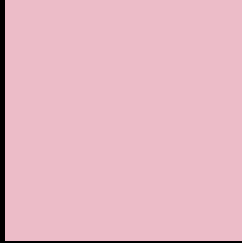
Large Text (above 18pt) WCAG AA × Fail

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 63.0006, 57.9694, 62.5123 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 63.0006, 57.9694, 62.5123

Background



This preview shows how black text looks on a background with the XYZ color 63.0006, 57.9694, 62.5123.



This preview shows how white text looks on a background with the XYZ color 63.0006, 57.9694,

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

63.0006, 57.9694, 62.5123

Protanopia

56.2739, 58.3701, 67.3321

Deuteranopia

59.4194, 58.0792, 62.1115



Tritanopia

63.2360, 58.0636, 63.7516

Trichromacy



Original Color

63.0006, 57.9694, 62.5123

Protanomaly

58.3706, 58.1356, 65.2716

Deuteranomaly

60.5225, 57.9915, 62.0364

Tritanomaly

63.1179, 58.0164, 63.1299

Monochromacy



Original Color

63.0006, 57.9694, 62.5123

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.2925, 59.2989, 64.8207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0006, 57.9694, 62.5123 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(236, 188, 200)` looks like.

```
.text, #text, p{  
    color:rgb(236, 188, 200)  
}
```

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(236, 188, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 188, 200) }
```

Border

The CSS property to change the border of an element to XYZ 63.0006, 57.9694, 62.5123 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(236, 188, 200) }
```


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

```
.border{ border-color:rgb(236, 188, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 188, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 188, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 188, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 188,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0006, 57.9694, 62.5123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 188, 200) }
```

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

```
.background{ background-color: rgb(236,  
188, 200) }
```

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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