

Converting Colors

XYZ(59.6669, 58.4290, 50.9208)

Have a look what the booklet for
XYZ(59.6669, 58.4290, 50.9208)
contains.

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Color

**XYZ(59.7416, 58.4963,
50.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C2B3
RGB	229, 194, 179
RGB Percent	90%, 76%, 70%
CMY	0.1020, 0.2392, 0.2980
CMYK	0.00, 0.15, 0.22, 0.10
HSL	18°, 49%, 80%
HSV	18°, 22%, 90%
XYZ	59.7416, 58.4963, 50.7900
YIQ	202.7550, 25.6750, 2.7550

Conversions

Conversions Part 2

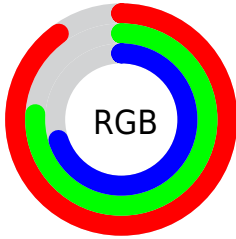
Format	Color
R _Y B	229, 200, 179
Decimal	15057587
CIE Lab	81.01, 10.14, 12.16
CIE LCh	81, 15.829, 50.174
Yxy	58.4963, 0.3534, 0.3461
Android (android.graphics.Color)	4293247667 (0xFFE5C2B3)
YUV	202.7550, -11.7112, 23.0169
Hunter-Lab	76.4829, 5.5833, 14.1653

Details

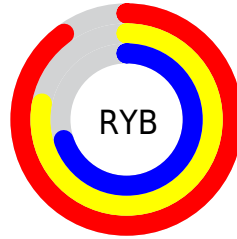
The XYZ color **59.7416, 58.4963, 50.7900** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.7793, 63.3323, 83.3609**, and the grayscale version is **56.6722, 59.6236, 64.9301**.

A 20% lighter version of the original color is **90.7326, 96.2525, 92.3937**, and **30.3776, 29.1468, 23.7635** is the 20% darker color. If you saturate the color by 10%, you get **54.2386, 50.8938, 38.4623**, and if you desaturate by 10%, it is **66.0172, 67.0275, 65.2741**.

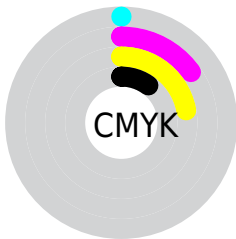
Distribution



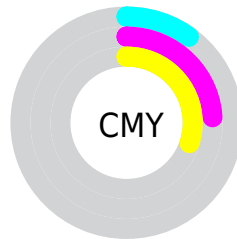
- Red (90%)
- Green (76%)
- Blue (70%)



- Red (90%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7416, 58.4963, 50.7900 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 59.7416, 58.4963, 50.7900 by changing the saturation by 10% instead.


 59.7416, 58.4963,
50.7900

 59.7416, 58.4963,
50.7900


413.4947,
419.0327, 406.5706

 43.4591, 42.2078,
35.6659


 103.5632,
102.6452, 92.7526

 30.4415, 29.2640,
23.8887


131.8330,
131.2744, 120.4282

 20.3237, 19.2806,
15.0396

164.8292,
164.7860, 153.1248

 12.7402, 11.8732,
8.7003

202.9173,
203.5643, 191.2608

 7.3257, 6.6574,
4.4521

246.4625,
247.9937, 235.2549

 3.7147, 3.2488,
1.8765

295.8302,

 1.5420, 1.2630,

298.4586, 285.5255

0.4777

351.3858,
355.3435, 342.4912

■ 0.3542, 0.1122,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7416, 58.4963,
50.7900

■ 59.7416, 58.4963,
50.7900

■ 54.2386, 50.8938,
38.4623

■ 66.0172, 67.0275,
65.2741

■ 49.4723, 44.1801,
28.1834

■ 73.0899, 76.5098,
82.0079

■ 45.4110, 38.3241,
19.8419

■ 80.9891, 86.9745,
101.0836

■ 42.0185, 33.2898,
13.3140

■ 86.1233, 95.3981,
108.4822

■ 39.2552, 29.0384,
8.4616

■ 37.0766, 25.5275,
5.1264

■ 35.4313, 22.7101,
3.1188

■ 34.4243, 20.8801,
2.2159

Harmonies

Analogous

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



61.7386, 58.4963, 57.6576



59.7416, 58.4963, 50.7900



56.6834, 58.4963, 47.4849

Triad

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



59.7416, 58.4963, 50.7900



49.6068, 58.4963, 60.6563



57.8051, 58.4963, 82.2181

Complementary

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



59.7416, 58.4963, 50.7900



56.7793, 63.3323, 83.3609

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.



54.5284, 58.4963, 83.2230



59.7416, 58.4963, 50.7900



49.8805, 58.4963, 70.1346

Square

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



59.7416, 58.4963, 50.7900



50.8895, 58.4963, 52.7992



51.6524, 58.4963, 78.6137



60.5904, 58.4963, 75.9898

Rectangle

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



59.7416, 58.4963, 50.7900



54.4911, 58.4963, 47.5006



51.6524, 58.4963, 78.6137



56.7218, 58.4963, 83.2002

Sweetspot

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



59.7432, 58.4990, 50.7912



88.4511, 91.1895, 93.1752



60.5714, 53.7540, 70.8020



18.8156, 19.3619, 19.6678



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.



59.7432, 58.4990, 50.7912



73.0942, 70.3240, 57.6950



65.7818, 70.5763, 52.8041



14.7278, 15.0695, 15.0369



19.7741, 12.1224, 1.2976



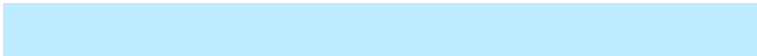
1.5404, 1.0541, 0.1223

Inverse Universe

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



56.7793, 63.3323, 83.3609



68.7000, 77.4767, 105.9414



50.9315, 51.6368, 81.4117



14.4232, 15.5678, 18.3890



15.4114, 17.8850, 45.0230



1.2192, 1.4824, 3.3538

Previews

White Background



This preview shows how the XYZ color 59.7416, 58.4963, 50.7900 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 59.7416, 58.4963, 50.7900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

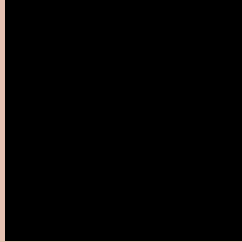
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7416, 58.4963, 50.7900

Background



This preview shows how black text looks on a background with the XYZ color 59.7416, 58.4963, 50.7900.



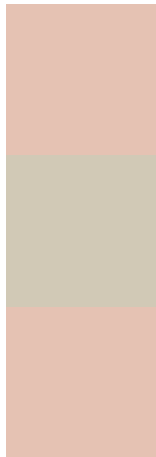
This preview shows how white text looks on a background with the XYZ color 59.7416, 58.4963,

50.7900.

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

59.7416, 58.4963, 50.7900

Protanopia

55.6246, 58.7060, 52.6556

Deuteranopia

59.7416, 58.4963, 50.7900



Tritanopia

62.7116, 58.3905, 65.7228

Trichromacy



Original Color

59.7416, 58.4963, 50.7900

Protanomaly

56.8535, 58.3233, 51.9771

Deuteranomaly

59.7416, 58.4963, 50.7900

Tritanomaly

61.5496, 58.2360, 60.2212

Monochromacy



Original Color

59.7416, 58.4963, 50.7900

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.5433, 59.2006, 59.4329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7416, 58.4963, 50.7900 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, 194, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 194, 179)  
}
```

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, 194, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 194, 179) }
```

Border

The CSS property to change the border of an element to XYZ 59.7416, 58.4963, 50.7900 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, 194, 179) }
```


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

```
.border{ border-color:rgb(229, 194, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 194, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 194, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 194, 179);  
box-shadow:4px 4px 4px 4px rgb(229, 194,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7416, 58.4963, 50.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 194, 179) }
```

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

```
.background{ background-color: rgb(229,  
194, 179) }
```

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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