

Converting Colors

XYZ(61.7104, 63.4778, 58.8703)

Have a look what the booklet for
XYZ(61.7104, 63.4778, 58.8703)
contains.

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Color

**XYZ(61.7099, 63.4780,
58.8692)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEC0
RGB	222, 206, 192
RGB Percent	87%, 81%, 75%
CMY	0.1294, 0.1921, 0.2471
CMYK	0.00, 0.07, 0.14, 0.13
HSL	28°, 31%, 81%
HSV	28°, 14%, 87%
XYZ	61.7099, 63.4780, 58.8692
YIQ	209.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

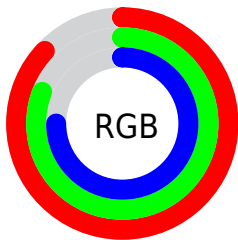
Format	Color
R _Y B	222, 218, 192
Decimal	14601920
CIE Lab	83.69, 3.24, 8.95
CIE LCh	84, 9.522, 70.093
Yxy	63.4780, 0.3353, 0.3449
Android (android.graphics.Color)	4292792000 (0xFFDECEC0)
YUV	209.1880, -8.4737, 11.2361
Hunter-Lab	79.6731, -1.1727, 11.9627

Details

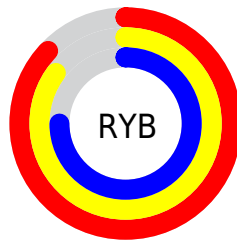
The XYZ color **61.7099, 63.4780, 58.8692** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4786, 61.5908, 77.9664**, and the grayscale version is **60.7757, 63.9407, 69.6314**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **31.8248, 32.5360, 29.0288** is the 20% darker color. If you saturate the color by 10%, you get **56.6907, 57.0832, 45.9621**, and if you desaturate by 10%, it is **67.3183, 70.4561, 73.8048**.

Distribution



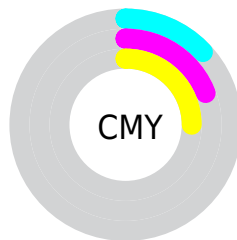
- Red (87%)
- Green (81%)
- Blue (75%)



- Red (87%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7099, 63.4780, 58.8692 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 61.7099, 63.4780, 58.8692 by changing the saturation by 10% instead.

■ 61.7099, 63.4780,
58.8692

■ 61.7099, 63.4780,
58.8692

420.6066,
437.3022, 438.1054

■ 45.0530, 46.2280,
42.0885

■ 106.3984,
109.8588, 104.7148

■ 31.7007, 32.4258,
28.8445

135.1609,
139.7585, 134.6168

■ 21.2874, 21.6869,
18.7187

168.6892,
174.6434, 169.7296

■ 13.4479, 13.6270,
11.2924

207.3487,
214.8981, 210.4718

■ 7.8168, 7.8617,
6.1472

251.5049,
260.9070, 257.2620

■ 4.0288, 4.0066,
2.8646

301.5230,

■ 1.7184, 1.6773,

313.0543, 310.5186

1.0259

357.7684,
371.7246, 370.6602

■ 0.4678, 0.4089,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7099, 63.4780,
58.8692

■ 61.7099, 63.4780,
58.8692

■ 56.6907, 57.0832,
45.9621

■ 67.3183, 70.4561,
73.8048

■ 52.2342, 51.2473,
34.9905

■ 73.5307, 78.0244,
90.8479

■ 48.3195, 45.9561,
25.8605

■ 79.7826, 85.9661,
106.9959

■ 44.9222, 41.1920,
18.4682

■ 83.4111, 93.2231,
108.2054

■ 42.0157, 36.9358,
12.6997

■ 83.9344, 94.2697,
108.3798

■ 39.5705, 33.1671,
8.4270

■ 37.5534, 29.8635,
5.5026

■ 35.9249, 26.9994,
3.7478

■ 35.0378, 25.3566,
3.0476

Harmonies

Analogous

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



63.4545, 63.4780, 61.9797



61.7099, 63.4780, 58.8692



59.6338, 63.4780, 58.4134

Triad

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



61.7099, 63.4780, 58.8692



56.4707, 63.4780, 71.1494



62.9541, 63.4780, 78.2817

Complementary

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



61.7099, 63.4780, 58.8692



57.4786, 61.5908, 77.9664

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.



61.0396, 63.4780, 81.0537



61.7099, 63.4780, 58.8692



57.3174, 63.4780, 76.7817

Square

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



61.7099, 63.4780, 58.8692



56.6408, 63.4780, 65.2790



58.9786, 63.4780, 80.4894



64.1842, 63.4780, 73.1021

Rectangle

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



61.7099, 63.4780, 58.8692



58.3451, 63.4780, 59.6471



58.9786, 63.4780, 80.4894



62.3674, 63.4780, 79.5391

Sweetspot

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



61.7116, 63.4808, 58.8706



91.7404, 95.9394, 99.9091



60.3597, 57.7838, 67.6473



19.5062, 20.3747, 21.0340



0.0000, 0.0000, 0.0000



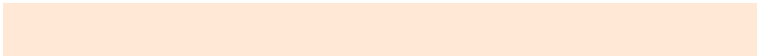
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7116, 63.4808, 58.8706



82.6118, 84.5425, 75.7166



65.4956, 71.0488, 60.1319



14.2320, 14.7501, 14.4037



20.9207, 15.2794, 1.8466



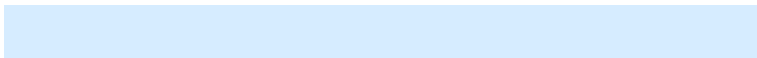
1.5391, 1.2371, 0.1577

Inverse Universe

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



57.4786, 61.5908, 77.9664



75.8222, 81.5107, 106.3446



53.9938, 54.6212, 76.8049



13.5541, 14.4474, 17.4619



11.8177, 11.1050, 42.5690



0.9085, 0.9485, 2.9804

Previews

White Background



This preview shows how the XYZ color 61.7099, 63.4780, 58.8692 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 61.7099, 63.4780, 58.8692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

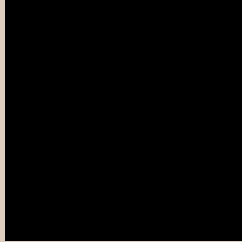
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7099, 63.4780, 58.8692

Background



This preview shows how black text looks on a background with the XYZ color 61.7099, 63.4780, 58.8692.



This preview shows how white text looks on a background with the XYZ color 61.7099, 63.4780,

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

61.7099, 63.4780, 58.8692

Protanopia

60.5004, 63.5609, 59.5318

Deuteranopia

64.7732, 63.2857, 59.2535



Tritanopia

65.1394, 63.4718, 75.1477

Trichromacy



Original Color

61.7099, 63.4780, 58.8692

Protanomaly

60.8519, 63.3813, 59.4787

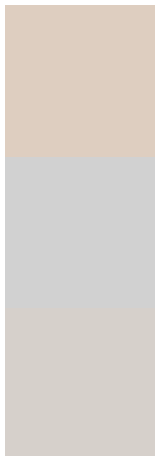
Deuteranomaly

63.6147, 63.3851, 59.3338

Tritanomaly

63.9159, 63.3229, 69.1754

Monochromacy



Original Color

61.7099, 63.4780, 58.8692

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.0669, 63.7197, 65.5805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7099, 63.4780, 58.8692 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(222, 206, 192) looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 192)  
}
```

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(222, 206, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 192) }
```

Border

The CSS property to change the border of an element to XYZ 61.7099, 63.4780, 58.8692 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(222, 206, 192) }
```


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

```
.border{ border-color:rgb(222, 206, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 192);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7099, 63.4780, 58.8692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 192) }
```

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

```
.background{ background-color: rgb(222,  
206, 192) }
```

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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