

Converting Colors

XYZ(58.7550, 61.5627, 60.3927)

Have a look what the booklet for
XYZ(58.7550, 61.5627, 60.3927)
contains.

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Color

**XYZ(58.8330, 61.5998,
60.4189)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CDC3
RGB	212, 205, 195
RGB Percent	83%, 80%, 76%
CMY	0.1686, 0.1961, 0.2353
CMYK	0.00, 0.03, 0.08, 0.17
HSL	35°, 17%, 80%
HSV	35°, 8%, 83%
XYZ	58.8330, 61.5998, 60.4189
YIQ	205.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

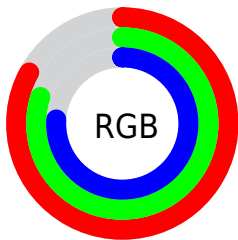
Format	Color
R _Y B	207, 212, 195
Decimal	13946307
CIE Lab	82.70, 0.69, 5.82
CIE LCh	83, 5.864, 83.269
Yxy	61.5998, 0.3253, 0.3406
Android (android.graphics.Color)	4292136387 (0xFFD4CDC3)
YUV	205.9530, -5.3998, 5.3032
Hunter-Lab	78.4855, -3.5456, 9.2979

Details

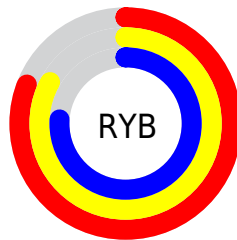
The XYZ color **58.8330, 61.5998, 60.4189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5098, 58.5956, 70.6724**, and the grayscale version is **58.6677, 61.7230, 67.2164**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.7790, 31.2244, 29.6567** is the 20% darker color. If you saturate the color by 10%, you get **54.5756, 56.6520, 48.0015**, and if you desaturate by 10%, it is **63.5506, 66.9219, 74.6703**.

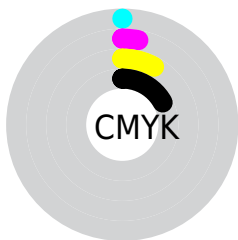
Distribution



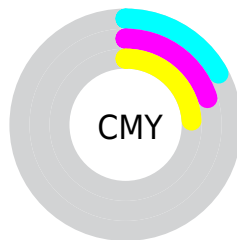
- Red (83%)
- Green (80%)
- Blue (76%)



- Red (81%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8330, 61.5998, 60.4189 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 58.8330, 61.5998, 60.4189 by changing the saturation by 10% instead.

■ 58.8330, 61.5998,
60.4189

■ 58.8330, 61.5998,
60.4189

410.1868,
430.4698, 443.9875

■ 42.7246, 44.7094,
43.3289

102.2509,
107.1469, 106.9864

■ 29.8626, 31.2286,
29.8099

130.2911,
136.5724, 137.3010

■ 19.8819, 20.7730,
19.4435

163.0393,
170.9451, 172.8608

■ 12.4170, 12.9582,
11.8112

200.8607,
210.6494, 214.0844

■ 7.1025, 7.3997,
6.4942

244.1208,
256.0696, 261.3903

■ 3.5732, 3.7133,
3.0743

293.1850,

■ 1.4636, 1.5145,

307.5901, 315.1971

1.1327

348.4185,
365.5954, 375.9234

■ 0.3009, 0.2989,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8330, 61.5998,
60.4189

■ 58.8330, 61.5998,
60.4189

■ 54.5756, 56.6520,
48.0015

■ 63.5506, 66.9219,
74.6703

■ 50.7571, 52.0610,
37.3382

■ 68.7386, 72.6193,
90.8229

■ 47.3620, 47.8195,
28.3494

■ 73.8276, 78.4691,
105.8627

■ 44.3719, 43.9170,
20.9475

■ 76.3333, 83.4804,
106.6979

■ 41.7667, 40.3421,
15.0369

■ 78.9624, 88.7387,
107.5743

■ 39.5243, 37.0828,
10.5116

■ 80.9617, 92.7372,
108.2407

■ 37.6199, 34.1256,
7.2514

■ 36.0246, 31.4554,
5.1153

■ 34.6976, 29.0523,
3.8995

Harmonies

Analogous

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



60.0086, 61.5998, 61.6669



58.8330, 61.5998, 60.4189



57.5976, 61.5998, 60.9016

Triad

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



58.8330, 61.5998, 60.4189



56.3527, 61.5998, 69.8482



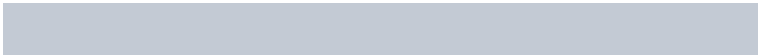
60.5106, 61.5998, 71.3045

Complementary

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



58.8330, 61.5998, 60.4189



55.5098, 58.5956, 70.6724

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.



59.5104, 61.5998, 73.6451



58.8330, 61.5998, 60.4189



57.1128, 61.5998, 72.7835

Square

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



58.8330, 61.5998, 60.4189



56.1772, 61.5998, 66.2623



58.2654, 61.5998, 74.1958



60.9861, 61.5998, 67.8877

Rectangle

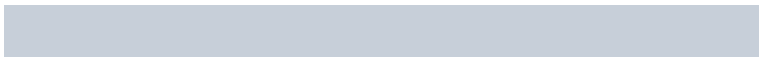
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8330, 61.5998, 60.4189



56.9050, 61.5998, 62.1487



58.2654, 61.5998, 74.1958



60.2239, 61.5998, 72.2481

Sweetspot

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



58.8347, 61.6025, 60.4202



93.5737, 98.3440, 104.4107



57.3378, 57.2964, 63.9669



20.0441, 21.0671, 22.3952



0.0000, 0.0000, 0.0000



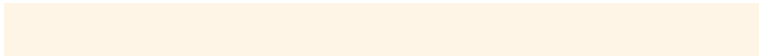
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8347, 61.6025, 60.4202



87.9559, 91.9514, 87.6079



60.1392, 64.8152, 60.9716



13.0245, 13.6232, 13.1038



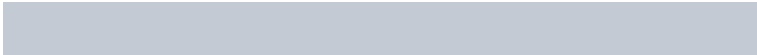
21.3710, 17.8593, 2.3208



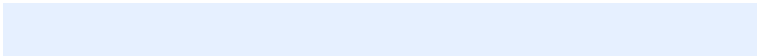
1.3696, 1.2385, 0.1669

Inverse Universe

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



55.5098, 58.5956, 70.6724



81.6812, 86.2771, 106.9558



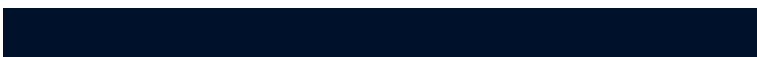
54.2731, 55.5763, 70.1548



12.1582, 12.8397, 15.7750



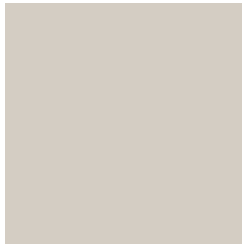
9.5460, 7.3538, 39.3695



0.6562, 0.6044, 2.4014

Previews

White Background



This preview shows how the XYZ color 58.8330, 61.5998, 60.4189 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 58.8330, 61.5998, 60.4189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

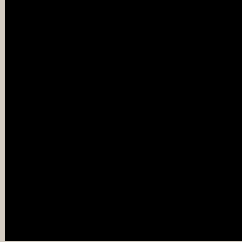
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

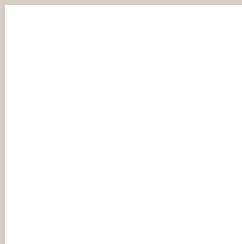
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8330, 61.5998, 60.4189

Background



This preview shows how black text looks on a background with the XYZ color 58.8330, 61.5998, 60.4189.

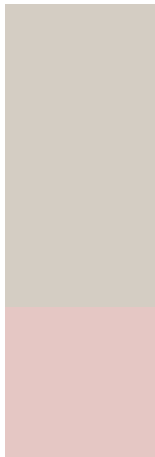


This preview shows how white text looks on a background with the XYZ color 58.8330, 61.5998,

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

58.8330, 61.5998, 60.4189

Protanopia

58.8330, 61.5998, 60.4189

Deuteranopia

62.7003, 61.4904, 60.7887



Tritanopia

61.6692, 61.6979, 74.3042

Trichromacy



Original Color

58.8330, 61.5998, 60.4189

Protanomaly

58.8330, 61.5998, 60.4189

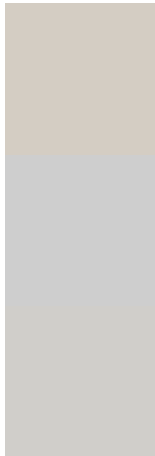
Deuteranomaly

61.2819, 61.4468, 60.8551

Tritanomaly

60.5961, 61.6115, 69.0200

Monochromacy



Original Color

58.8330, 61.5998, 60.4189

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7444, 61.8168, 64.7128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8330, 61.5998, 60.4189 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(212, 205, 195) looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 195)  
}
```

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(212, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.8330, 61.5998, 60.4189 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(212, 205, 195) }
```


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

```
.border{ border-color:rgb(212, 205, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8330, 61.5998, 60.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 195) }
```

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

```
.background{ background-color: rgb(212,  
205, 195) }
```

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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