

Converting Colors

XYZ(58.7613, 60.1605, 60.1448)

Have a look what the booklet for
XYZ(58.7613, 60.1605, 60.1448)
contains.

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Color

**XYZ(58.7613, 60.1605,
60.1448)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C9C3
RGB	215, 201, 195
RGB Percent	84%, 79%, 76%
CMY	0.1569, 0.2117, 0.2353
CMYK	0.00, 0.07, 0.09, 0.16
HSL	18°, 20%, 80%
HSV	18°, 9%, 84%
XYZ	58.7613, 60.1605, 60.1448
YIQ	204.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

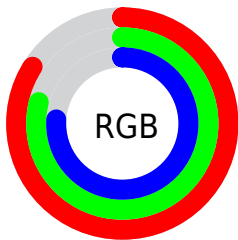
Format	Color
R_{YB}	215, 204, 195
Decimal	14141891
CIE Lab	81.93, 3.85, 4.74
CIE LCh	82, 6.106, 50.867
Yxy	60.1605, 0.3282, 0.3360
Android (android.graphics.Color)	4292331971 (0xFFD7C9C3)
YUV	204.5020, -4.6845, 9.2067
Hunter-Lab	77.5632, -0.5053, 8.3190

Details

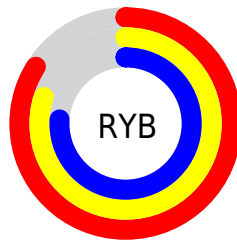
The XYZ color **58.7613, 60.1605, 60.1448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5717, 62.1082, 73.2444**, and the grayscale version is **57.7378, 60.7446, 66.1509**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.7386, 30.2641, 29.4735** is the 20% darker color. If you saturate the color by 10%, you get **53.1664, 52.5845, 47.1376**, and if you desaturate by 10%, it is **65.0532, 68.5690, 75.1127**.

Distribution



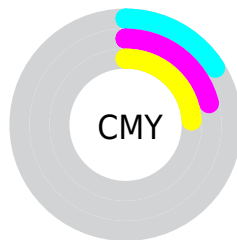
- Red (84%)
- Green (79%)
- Blue (76%)



- Red (84%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7613, 60.1605, 60.1448 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 58.7613, 60.1605, 60.1448 by changing the saturation by 10% instead.

■ 58.7613, 60.1605,
60.1448

■ 58.7613, 60.1605,
60.1448

409.9250,
425.1891, 442.9507

■ 42.6666, 43.5480,
43.1093

102.1473,
105.0625, 106.5851

■ 29.8170, 30.3153,
29.6388

130.1693,
134.1207, 136.8270

■ 19.8471, 20.0781,
19.3149

162.8978,
168.0964, 172.3081

■ 12.3916, 12.4518,
11.7189

200.6981,
207.3738, 213.4470

■ 7.0850, 7.0522,
6.4324

243.9357,
252.3374, 260.6621

■ 3.5621, 3.4947,
3.0367

292.9758,

■ 1.4575, 1.3952,

303.3715, 314.3721

1.1134

348.1838,
360.8606, 374.9955

■ 0.2967, 0.2131,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7613, 60.1605,
60.1448

■ 58.7613, 60.1605,
60.1448

■ 53.1664, 52.5845,
47.1376

■ 65.0532, 68.5690,
75.1127

■ 48.2388, 45.8075,
36.0055

■ 72.0605, 77.8264,
92.1141

■ 43.9539, 39.8050,
26.6624

■ 79.0738, 87.6656,
107.3613

■ 40.2836, 34.5487,
19.0137

■ 81.8346, 93.1872,
108.2815

■ 37.1977, 30.0081,
12.9561

■ 34.6631, 26.1507,
8.3750

■ 32.6429, 22.9412,
5.1401

■ 31.0949, 20.3404,
3.0978

■ 29.9574, 18.2995,
1.9963

Harmonies

Analogous

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



59.5311, 60.1605, 63.0054



58.7613, 60.1605, 60.1448



57.5755, 60.1605, 58.7350

Triad

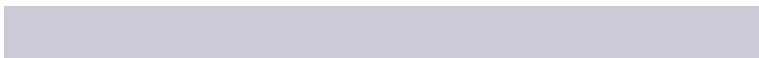
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7613, 60.1605, 60.1448



54.7654, 60.1605, 64.3830



58.0693, 60.1605, 72.3726

Complementary

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



58.7613, 60.1605, 60.1448



57.5717, 62.1082, 73.2444

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.



56.7878, 60.1605, 72.7752



58.7613, 60.1605, 60.1448



54.8931, 60.1605, 68.0689

Square

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



58.7613, 60.1605, 60.1448



55.2773, 60.1605, 61.1207



55.6288, 60.1605, 71.1736



59.1274, 60.1605, 70.0932

Rectangle

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



58.7613, 60.1605, 60.1448



56.7142, 60.1605, 58.7698



55.6288, 60.1605, 71.1736



57.6499, 60.1605, 72.7352

Sweetspot

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



58.7630, 60.1631, 60.1461



92.1584, 96.1488, 101.9804



59.0488, 58.0816, 68.4210



19.5638, 20.3636, 21.4420



0.0000, 0.0000, 0.0000



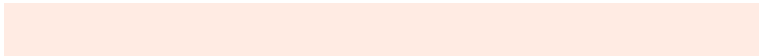
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7630, 60.1631, 60.1461



84.9128, 86.4324, 84.8446



61.1696, 64.9765, 60.9483



12.7241, 13.0225, 13.0037



17.9584, 11.0341, 1.1833



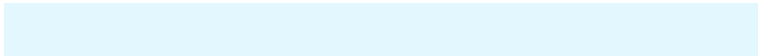
1.1551, 0.8094, 0.0953

Inverse Universe

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



57.5717, 62.1082, 73.2444



82.8451, 89.8074, 107.5759



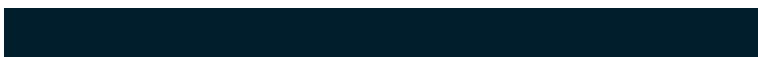
55.1956, 57.3561, 72.4524



12.4629, 13.4491, 15.8766



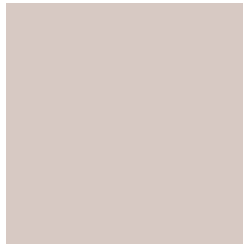
14.0002, 16.2622, 40.8542



0.9153, 1.1227, 2.4878

Previews

White Background



This preview shows how the XYZ color 58.7613, 60.1605, 60.1448 looks on a white background.

Color Contrast Check

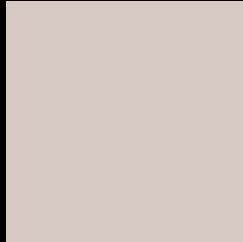
Large Text (above 18pt) WCAG AA × Fail

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 58.7613, 60.1605, 60.1448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

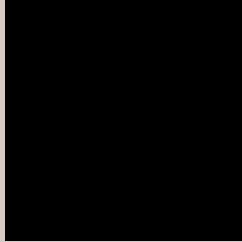
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7613, 60.1605, 60.1448

Background



This preview shows how black text looks on a background with the XYZ color 58.7613, 60.1605, 60.1448.

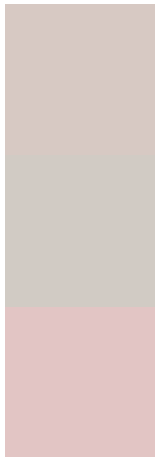


This preview shows how white text looks on a background with the XYZ color 58.7613, 60.1605,

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

58.7613, 60.1605, 60.1448

Protanopia

57.6142, 60.2527, 60.8179

Deuteranopia

61.2941, 60.0868, 60.5919



Tritanopia

61.2451, 60.1486, 72.0002

Trichromacy



Original Color

58.7613, 60.1605, 60.1448

Protanomaly

57.9483, 60.0755, 60.7661

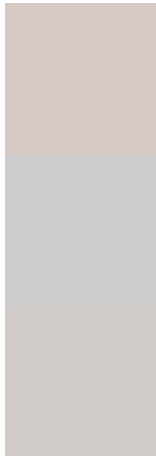
Deuteranomaly

60.2821, 59.9033, 60.6098

Tritanomaly

60.3012, 60.1036, 67.4544

Monochromacy



Original Color

58.7613, 60.1605, 60.1448

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4300, 60.9581, 63.9448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7613, 60.1605, 60.1448 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(215, 201, 195) looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 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(215, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.7613, 60.1605, 60.1448 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(215, 201, 195) }
```


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

```
.border{ border-color:rgb(215, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(215, 201,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7613, 60.1605, 60.1448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 195) }
```

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

```
.background{ background-color: rgb(215,  
201, 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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