

Converting Colors

XYZ(59.9814, 61.5904, 63.6845)

Have a look what the booklet for
XYZ(59.9814, 61.5904, 63.6845)
contains.

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Color

**XYZ(60.1598, 61.8499,
64.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CCC9
RGB	215, 204, 201
RGB Percent	84%, 80%, 79%
CMY	0.1569, 0.2000, 0.2118
CMYK	0.00, 0.05, 0.07, 0.16
HSL	13°, 15%, 82%
HSV	13°, 7%, 84%
XYZ	60.1598, 61.8499, 64.0258
YIQ	206.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

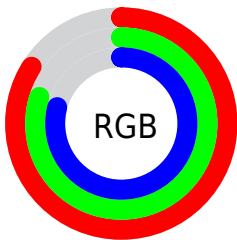
Format	Color
R _Y B	215, 205, 201
Decimal	14142665
CIE Lab	82.83, 3.29, 2.85
CIE LCh	83, 4.352, 40.845
Yxy	61.8499, 0.3234, 0.3325
Android (android.graphics.Color)	4292332745 (0xFFD7CCC9)
YUV	206.9470, -2.9319, 7.0625
Hunter-Lab	78.6447, -1.0835, 6.7824

Details

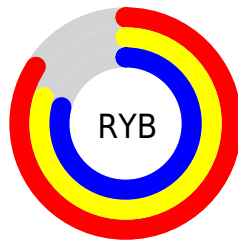
The XYZ color **60.1598, 61.8499, 64.0258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8964, 64.4096, 73.5660**, and the grayscale version is **59.2904, 62.3781, 67.9298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6700, 31.3929, 32.0467** is the 20% darker color. If you saturate the color by 10%, you get **54.0076, 53.3132, 50.3581**, and if you desaturate by 10%, it is **67.1047, 71.4040, 79.7058**.

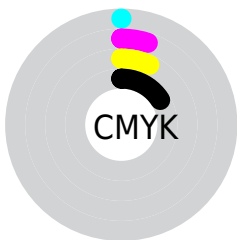
Distribution



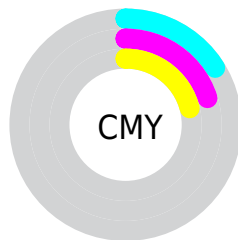
- Red (84%)
- Green (80%)
- Blue (79%)



- Red (84%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1598, 61.8499, 64.0258 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 60.1598, 61.8499, 64.0258 by changing the saturation by 10% instead.

■ 60.1598, 61.8499,
64.0258

■ 60.1598, 61.8499,
64.0258

415.0118,
431.3834, 457.4928

■ 43.7974, 44.9114,
46.2253

104.1665,
107.5086, 112.2479

■ 30.7085, 31.3877,
32.0737

132.5415,
136.9975, 143.5066

■ 20.5277, 20.8942,
21.1525

165.6513,
171.4388, 180.0883

■ 12.8897, 13.0467,
13.0432

203.8615,
211.2168, 222.4118

■ 7.4291, 7.4607,
7.3272

247.5373,
256.7158, 270.8954

■ 3.7806, 3.7519,
3.5860

297.0440,

■ 1.5788, 1.5357,

308.3203, 325.9577

1.4011

352.7471,
366.4147, 388.0174

■ 0.3785, 0.3137,
0.1426

■ 0.0000, 0.0000,
0.0000

■ 60.1598, 61.8499,
64.0258

■ 60.1598, 61.8499,
64.0258

■ 54.0076, 53.3132,
50.3581

■ 67.1047, 71.4040,
79.7058

■ 48.6145, 45.7523,
38.6171

■ 74.8642, 81.9994,
97.4710

■ 43.9520, 39.1346,
28.7169

■ 81.7281, 92.9741,
108.2460

■ 39.9880, 33.4227,
20.5636

■ 81.8346, 93.1872,
108.2815

■ 36.6877, 28.5765,
14.0548

■ 34.0133, 24.5530,
9.0775

■ 31.9229, 21.3052,
5.5044

■ 30.3690, 18.7812,
3.1870

■ 29.2948, 16.9218,
1.9376

Harmonies

Analogous

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



60.5736, 61.8499, 66.3779



60.1598, 61.8499, 64.0258



59.3796, 61.8499, 62.5870

Triad

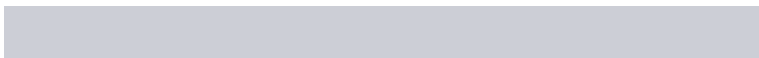
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.1598, 61.8499, 64.0258



57.1011, 61.8499, 65.6653



59.1261, 61.8499, 72.5393

Complementary

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



60.1598, 61.8499, 64.0258



59.8964, 64.4096, 73.5660

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.



58.1974, 61.8499, 72.3362



60.1598, 61.8499, 64.0258



57.0349, 61.8499, 68.3195

Square

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



60.1598, 61.8499, 64.0258



57.6161, 61.8499, 63.5161



57.4342, 61.8499, 70.7750



59.9726, 61.8499, 71.3228

Rectangle

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



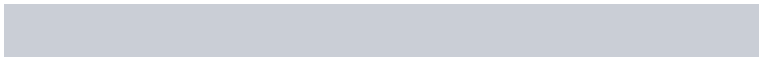
60.1598, 61.8499, 64.0258



58.7599, 61.8499, 62.3159



57.4342, 61.8499, 70.7750



58.8131, 61.8499, 72.6356

Sweetspot

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



60.1615, 61.8526, 64.0271



92.9750, 97.1467, 104.2112



60.8206, 60.9848, 70.9861



19.9222, 20.8233, 22.3546



0.0000, 0.0000, 0.0000



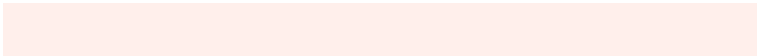
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1615, 61.8526, 64.0271



87.0375, 88.9547, 90.8772



61.8123, 65.1541, 64.5774



12.6371, 12.8484, 12.9747



17.4129, 9.9431, 1.0015



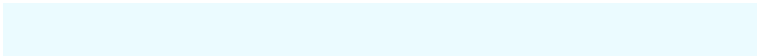
1.1120, 0.7231, 0.0810

Inverse Universe

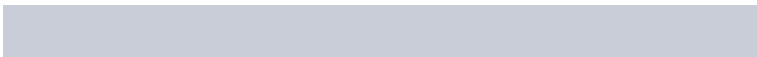
The Inverse Universe completely reimagines the original color for something new.



59.8964, 64.4096, 73.5660



86.5585, 93.5730, 108.1070



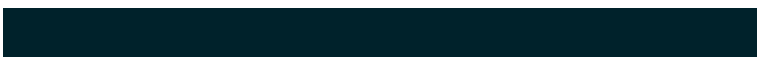
58.2332, 61.0831, 73.0116



12.5555, 13.6345, 15.9075



15.8879, 20.0375, 41.4834



1.0159, 1.3238, 2.5213

Previews

White Background



This preview shows how the XYZ color 60.1598, 61.8499, 64.0258 looks on a white background.

Color Contrast Check

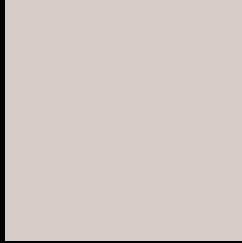
Large Text (above 18pt) WCAG AA × Fail

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 60.1598, 61.8499, 64.0258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

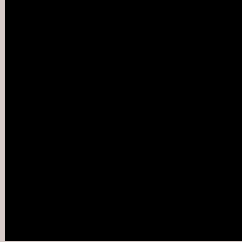
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1598, 61.8499, 64.0258

Background



This preview shows how black text looks on a background with the XYZ color 60.1598, 61.8499, 64.0258.

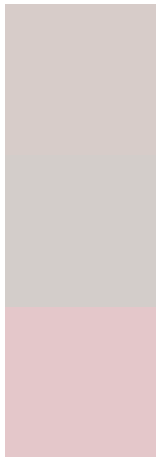


This preview shows how white text looks on a background with the XYZ color 60.1598, 61.8499,

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

60.1598, 61.8499, 64.0258

Protanopia

59.3560, 61.7758, 64.6726

Deuteranopia

63.0790, 61.6051, 64.4435



Tritanopia

62.0263, 61.5348, 74.2539

Trichromacy



Original Color

60.1598, 61.8499, 64.0258

Protanomaly

59.6434, 61.9240, 64.6861

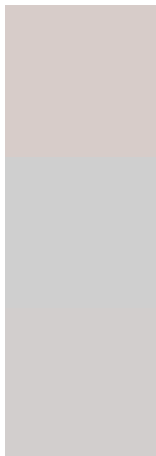
Deuteranomaly

61.9787, 61.7255, 64.5247

Tritanomaly

61.1973, 61.5431, 70.2816

Monochromacy



Original Color

60.1598, 61.8499, 64.0258

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6691, 62.2520, 66.6286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1598, 61.8499, 64.0258 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, 204, 201) looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 201)  
}
```

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, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 201) }
```

Border

The CSS property to change the border of an element to XYZ 60.1598, 61.8499, 64.0258 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, 204, 201) }
```


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

```
.border{ border-color:rgb(215, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1598, 61.8499, 64.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 201) }
```

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

```
.background{ background-color: rgb(215,  
204, 201) }
```

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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