

Converting Colors

XYZ(61.8187, 67.1111, 63.1208)

Have a look what the booklet for
XYZ(61.8187, 67.1111, 63.1208)
contains.

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Color

**XYZ(61.9003, 67.1860,
63.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D8C6
RGB	212, 216, 198
RGB Percent	83%, 85%, 78%
CMY	0.1686, 0.1529, 0.2235
CMYK	0.02, 0.00, 0.08, 0.15
HSL	73°, 19%, 81%
HSV	73°, 8%, 85%
XYZ	61.9003, 67.1860, 63.1318
YIQ	212.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

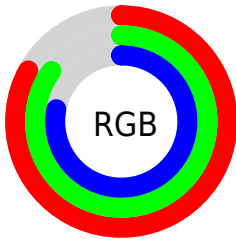
Format	Color
RYB	198, 216, 202
Decimal	13949126
CIELab	85.60, -4.52, 8.40
CIELCh	86, 9.536, 118.309
Yxy	67.1860, 0.3220, 0.3495
Android (android.graphics.Color)	4292139206 (0xFFD4D8C6)
YUV	212.7520, -7.2727, -0.6595
Hunter-Lab	81.9671, -8.6418, 11.7112

Details

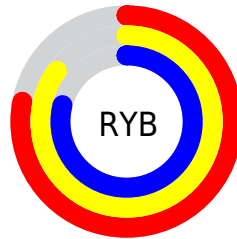
The XYZ color **61.9003, 67.1860, 63.1318** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9485, 57.9044, 73.1444**, and the grayscale version is **63.1272, 66.4147, 72.3256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6835, 34.6715, 31.4079** is the 20% darker color. If you saturate the color by 10%, you get **58.2207, 65.5587, 50.8682**, and if you desaturate by 10%, it is **65.9802, 68.9825, 77.2717**.

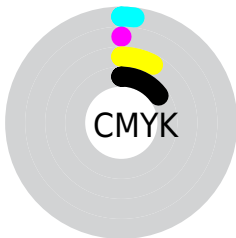
Distribution



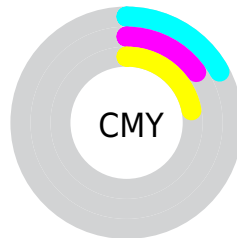
- Red (83%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9003, 67.1860, 63.1318 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 61.9003, 67.1860, 63.1318 by changing the saturation by 10% instead.

■ 61.9003, 67.1860,
63.1318

■ 61.9003, 67.1860,
63.1318

421.2907,
450.6066, 454.1688

■ 45.2074, 49.2358,
45.5062

106.6722,
115.1869, 110.9470

■ 31.8228, 34.8066,
31.5104

135.4819,
146.0064, 141.9737

■ 21.3811, 23.5139,
20.7261

169.0613,
181.8844, 178.3045

■ 13.5169, 14.9734,
12.7347

207.7757,
223.2054, 220.3579

■ 7.8649, 8.8007,
7.1175

251.9905,
270.3537, 268.5525

■ 4.0597, 4.6114,
3.4561

302.0710,

■ 1.7360, 2.0211,

323.7137, 323.3068

1.3320

358.3826,
383.6699, 385.0394

■ 0.4786, 0.6197,
0.0878

■ 0.0000, 0.0000,
0.0000

■ 61.9003, 67.1860,
63.1318

■ 61.9003, 67.1860,
63.1318

■ 58.2207, 65.5587,
50.8682

■ 65.9802, 68.9825,
77.2717

■ 54.9205, 64.0857,
40.3978

■ 70.4693, 70.9454,
93.3576

■ 51.9852, 62.7634,
31.6375

■ 74.1010, 72.5701,
104.7096

■ 49.3971, 61.5846,
24.4961

■ 75.6324, 73.3595,
104.7813

■ 47.1369, 60.5415,
18.8739

■ 77.2064, 74.1709,
104.8549

■ 45.1833, 59.6256,
14.6603

■ 78.8233, 75.0045,
104.9306

■ 43.5120, 58.8271,
11.7295

■ 80.4834, 75.8603,
105.0083

■ 42.0944, 58.1347,
9.9334

■ 82.1871, 76.7386,
105.0880

■ 40.8886, 57.5313,
9.0529

■ 83.8472, 77.5944,
105.1657

Harmonies

Analogous

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



63.9814, 67.1860, 61.8501



61.9003, 67.1860, 63.1318



60.3740, 67.1860, 67.0556

Triad

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



61.9003, 67.1860, 63.1318



61.6917, 67.1860, 83.7982



68.1195, 67.1860, 73.5072

Complementary

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



61.9003, 67.1860, 63.1318



56.9485, 57.9044, 73.1444

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.



67.4741, 67.1860, 79.6116



61.9003, 67.1860, 63.1318



63.7353, 67.1860, 85.7579

Square

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



61.9003, 67.1860, 63.1318



60.2555, 67.1860, 78.9675



65.8571, 67.1860, 84.1847



67.6019, 67.1860, 67.6333

Rectangle

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



61.9003, 67.1860, 63.1318



59.8596, 67.1860, 70.7599



65.8571, 67.1860, 84.1847



68.0311, 67.1860, 75.6018

Sweetspot

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



61.9021, 67.1889, 63.1333



93.2194, 99.1958, 102.5126



59.6113, 60.8723, 62.0348



19.8500, 21.1868, 21.5858



0.0000, 0.0000, 0.0000



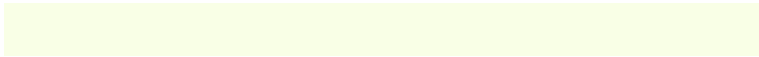
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9021, 67.1889, 63.1333



89.1570, 97.4053, 88.5973



59.4070, 65.9026, 63.0165



13.1901, 14.3742, 13.2400



24.1841, 34.0437, 5.2965



1.5268, 2.0885, 0.3226

Inverse Universe

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



56.9485, 57.9044, 73.1444



80.5254, 81.2271, 106.0420



59.4263, 59.1818, 73.2604



11.9984, 12.1406, 15.6485



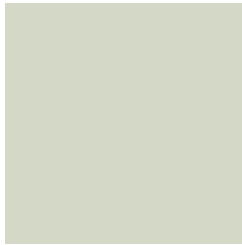
8.1356, 3.3466, 38.6703



0.5632, 0.2392, 2.3358

Previews

White Background



This preview shows how the XYZ color 61.9003, 67.1860, 63.1318 looks on a white background.

Color Contrast Check

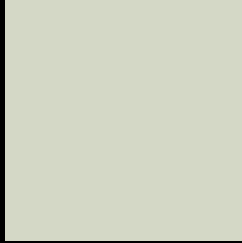
Large Text (above 18pt) WCAG AA × Fail

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 61.9003, 67.1860, 63.1318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

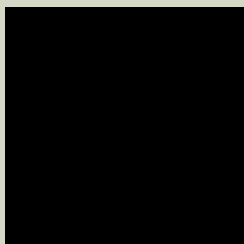
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

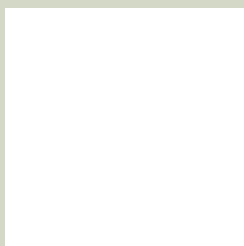
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9003, 67.1860, 63.1318

Background



This preview shows how black text looks on a background with the XYZ color 61.9003, 67.1860, 63.1318.



This preview shows how white text looks on a background with the XYZ color 61.9003, 67.1860,

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

61.9003, 67.1860, 63.1318

Protanopia

63.8823, 67.1036, 61.8099

Deuteranopia

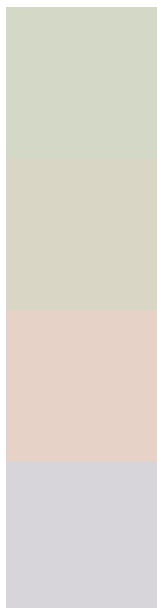
68.4318, 66.8380, 63.9379



Tritanopia

65.8660, 67.2873, 82.9150

Trichromacy



Original Color

61.9003, 67.1860, 63.1318

Protanomaly

63.0381, 67.0298, 62.4389

Deuteranomaly

65.9885, 67.0397, 63.4948

Tritanomaly

64.3430, 67.0453, 75.1954

Monochromacy



Original Color

61.9003, 67.1860, 63.1318

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8723, 66.7933, 69.2532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9003, 67.1860, 63.1318 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, 216, 198) looks like.

```
.text, #text, p{  
    color:rgb(212, 216, 198)  
}
```

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, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 216, 198) }
```

Border

The CSS property to change the border of an element to XYZ 61.9003, 67.1860, 63.1318 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, 216, 198) }
```


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

```
.border{ border-color:rgb(212, 216, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 216,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9003, 67.1860, 63.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 216, 198) }
```

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

```
.background{ background-color: rgb(212,  
216, 198) }
```

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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