

Converting Colors

XYZ(61.7912, 67.8682, 64.4867)

Have a look what the booklet for
XYZ(61.7912, 67.8682, 64.4867)
contains.

XYZ(61.7912, 67.8682, 64.4867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7912, 67.8682,
64.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DAC8
RGB	209, 218, 200
RGB Percent	82%, 85%, 78%
CMY	0.1804, 0.1451, 0.2157
CMYK	0.04, 0.00, 0.08, 0.15
HSL	90°, 20%, 82%
HSV	90°, 8%, 85%
XYZ	61.7912, 67.8682, 64.4867
YIQ	213.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

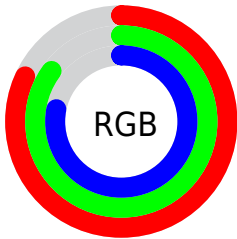
Format	Color
R _Y B	200, 218, 209
Decimal	13753032
CIE Lab	85.94, -6.25, 7.80
CIE LCh	86, 9.999, 128.717
Yxy	67.8682, 0.3183, 0.3496
Android (android.graphics.Color)	4291943112 (0xFFD1DAC8)
YUV	213.2570, -6.5357, -3.7334
Hunter-Lab	82.3822, -10.2839, 11.2568

Details

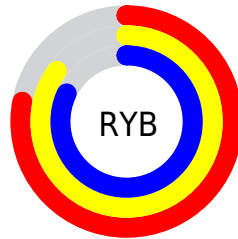
The XYZ color **61.7912, 67.8682, 64.4867** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6063, 59.9276, 74.7588**, and the grayscale version is **63.4616, 66.7665, 72.7088**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8031, 35.2383, 32.3196** is the 20% darker color. If you saturate the color by 10%, you get **56.4434, 65.3870, 51.8715**, and if you desaturate by 10%, it is **67.7172, 70.6094, 79.0282**.

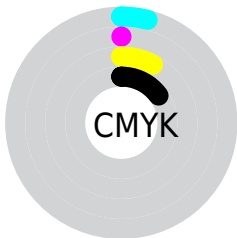
Distribution



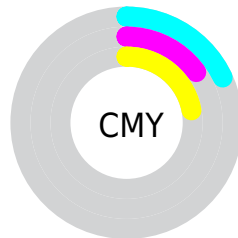
- Red (82%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7912, 67.8682, 64.4867 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 61.7912, 67.8682, 64.4867 by changing the saturation by 10% instead.

61.7912, 67.8682,
64.4867

61.7912, 67.8682,
64.4867

420.8988,
453.0289, 459.2007

45.1190, 49.7905,
46.5963

106.5153,
116.1636, 112.9178

31.7528, 35.2470,
32.3646

135.2980,
147.1501, 144.2955

21.3274, 23.8532,
21.3730

168.8481,
183.2083, 181.0061

13.4774, 15.2248,
13.2030

207.5311,
224.7226, 223.4681

7.8373, 8.9773,
7.4361

251.7123,
272.0774, 272.1000

4.0420, 4.7264,
3.6538

301.7571,

1.7259, 2.0876,

325.6571, 327.3204

1.4374

358.0308,
385.8462, 389.5478

■ 0.4724, 0.6577,
0.1706

■ 0.0000, 0.0000,
0.0000

■ 61.7912, 67.8682,
64.4867

■ 61.7912, 67.8682,
64.4867

■ 56.4434, 65.3870,
51.8715

■ 67.7172, 70.6094,
79.0282

■ 51.6488, 63.1488,
41.0974

■ 74.2343, 73.6098,
95.5675

■ 47.3885, 61.1477,
32.0794

■ 79.6412, 76.1914,
105.1166

■ 43.6403, 59.3744,
24.7240

■ 83.4899, 78.1755,
105.2967

■ 40.3803, 57.8186,
18.9292

■ 84.3627, 78.6254,
105.3376

■ 37.5821, 56.4695,
14.5815

■ 35.2164, 55.3145,
11.5523

■ 33.2494, 54.3396,
9.6900

■ 31.6334, 53.5252,
8.7732

Harmonies

Analogous

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



63.8415, 67.8682, 62.1183



61.7912, 67.8682, 64.4867



60.4896, 67.8682, 69.4130

Triad

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



61.7912, 67.8682, 64.4867



62.9214, 67.8682, 86.2830



68.9583, 67.8682, 72.0018

Complementary

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



61.7912, 67.8682, 64.4867



59.6063, 59.9276, 74.7588

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.



68.6978, 67.8682, 78.5700



61.7912, 67.8682, 64.4867



65.1764, 67.8682, 87.0777

Square

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



61.7912, 67.8682, 64.4867



61.1313, 67.8682, 82.0697



67.3006, 67.8682, 84.1808



68.0041, 67.8682, 66.2856

Rectangle

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



61.7912, 67.8682, 64.4867



60.2034, 67.8682, 73.6150



67.3006, 67.8682, 84.1808



69.0103, 67.8682, 74.1796

Sweetspot

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



61.7931, 67.8711, 64.4882



93.3075, 99.1953, 104.5891



62.1418, 64.6790, 63.8537



19.9899, 21.2403, 22.4315



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.



61.7931, 67.8711, 64.4882



86.6756, 96.1261, 88.4812



59.3181, 66.5952, 64.3723



13.5036, 14.9243, 13.8945



18.9210, 32.0516, 5.1893



1.3252, 2.1277, 0.3408

Inverse Universe

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



59.6063, 59.9276, 74.7588



82.9127, 82.4578, 106.1537



62.2252, 61.2777, 74.8813



12.9560, 12.9355, 16.4661



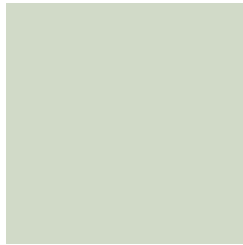
11.4861, 5.0455, 40.1069



0.8435, 0.3781, 2.6030

Previews

White Background



This preview shows how the XYZ color 61.7912, 67.8682, 64.4867 looks on a white background.

Color Contrast Check

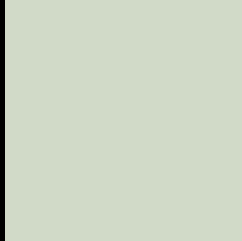
Large Text (above 18pt) WCAG AA × Fail

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 61.7912, 67.8682, 64.4867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

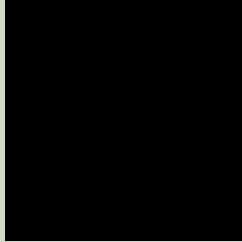
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

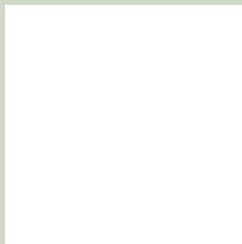
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7912, 67.8682, 64.4867

Background



This preview shows how black text looks on a background with the XYZ color 61.7912, 67.8682, 64.4867.



This preview shows how white text looks on a background with the XYZ color 61.7912, 67.8682,

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

61.7912, 67.8682, 64.4867

Protanopia

64.6710, 67.8583, 63.1155

Deuteranopia

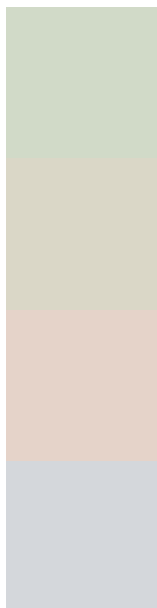
68.9087, 67.4152, 65.2577



Tritanopia

66.0611, 68.1024, 84.5262

Trichromacy



Original Color

61.7912, 67.8682, 64.4867

Protanomaly

63.5227, 67.6298, 63.7387

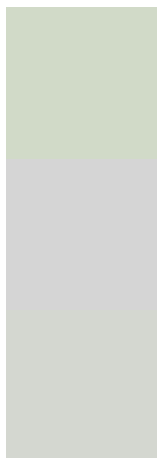
Deuteranomaly

66.1500, 67.4636, 64.7936

Tritanomaly

64.2380, 67.7124, 76.7019

Monochromacy



Original Color

61.7912, 67.8682, 64.4867

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8370, 67.1520, 69.3243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7912, 67.8682, 64.4867 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(209, 218, 200) looks like.

```
.text, #text, p{  
    color:rgb(209, 218, 200)  
}
```

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(209, 218, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 218, 200) }
```

Border

The CSS property to change the border of an element to XYZ 61.7912, 67.8682, 64.4867 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(209, 218, 200) }
```


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

```
.border{ border-color:rgb(209, 218, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 218, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 218, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 218, 200);  
box-shadow:4px 4px 4px 4px rgb(209, 218,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7912, 67.8682, 64.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 218, 200) }
```

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

```
.background{ background-color: rgb(209,  
218, 200) }
```

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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