

Converting Colors

XYZ(61.7879, 67.3700, 61.2982)

Have a look what the booklet for
XYZ(61.7879, 67.3700, 61.2982)
contains.

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Color

**XYZ(61.8146, 67.5629,
61.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D9C3
RGB	212, 217, 195
RGB Percent	83%, 85%, 76%
CMY	0.1686, 0.1490, 0.2353
CMYK	0.02, 0.00, 0.10, 0.15
HSL	74°, 22%, 81%
HSV	74°, 10%, 85%
XYZ	61.8146, 67.5629, 61.4127
YIQ	212.9970, 4.0820, -7.9020

Conversions

Conversions Part 2

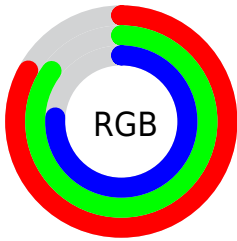
Format	Color
RYB	195, 217, 200
Decimal	13949379
CIELab	85.79, -5.54, 10.25
CIELCh	86, 11.651, 118.389
Yxy	67.5629, 0.3240, 0.3541
Android (android.graphics.Color)	4292139459 (0xFFD4D9C3)
YUV	212.9970, -8.8725, -0.8744
Hunter-Lab	82.1967, -9.6062, 13.2395

Details

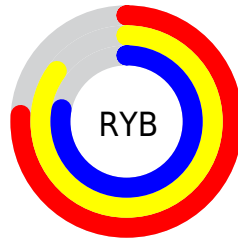
The XYZ color **61.8146, 67.5629, 61.4127** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8615, 56.3211, 73.5761**, and the grayscale version is **63.3010, 66.5976, 72.5248**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **31.6327, 34.9318, 30.2746** is the 20% darker color. If you saturate the color by 10%, you get **58.1368, 65.9321, 49.3501**, and if you desaturate by 10%, it is **65.8962, 69.3646, 75.3583**.

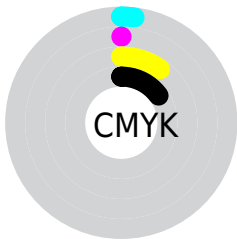
Distribution



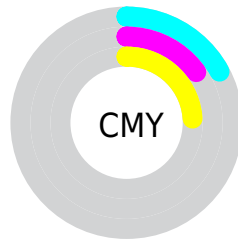
- Red (83%)
- Green (85%)
- Blue (76%)



- Red (76%)
- Yellow (85%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8146, 67.5629, 61.4127 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 61.8146, 67.5629, 61.4127 by changing the saturation by 10% instead.

■ 61.8146, 67.5629,
61.4127

■ 61.8146, 67.5629,
61.4127

420.9828,
451.9458, 447.7340

■ 45.1379, 49.5422,
44.1256

106.5490,
115.7266, 108.4396

■ 31.7678, 35.0498,
30.4313

135.3374,
146.6384, 139.0165

■ 21.3389, 23.7012,
19.9114

168.8938,
182.6161, 174.8604

■ 13.4858, 15.1121,
12.1472

207.5835,
224.0440, 216.3899

■ 7.8432, 8.8981,
6.7203

251.7720,
271.3065, 264.0234

■ 4.0458, 4.6748,
3.2120

301.8244,

■ 1.7281, 2.0577,

324.7881, 318.1796

1.2039

358.1062,
384.8730, 379.2769

■ 0.4737, 0.6407,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8146, 67.5629,
61.4127

■ 61.8146, 67.5629,
61.4127

■ 58.1368, 65.9321,
49.3501

■ 65.8962, 69.3646,
75.3583

■ 54.8416, 64.4572,
39.0856

■ 70.3909, 71.3344,
91.2584

■ 51.9141, 63.1342,
30.5339

■ 74.4818, 73.1479,
104.8011

■ 49.3360, 61.9559,
23.6015

■ 76.0591, 73.9610,
104.8749

47.0874, 60.9143,
18.1857

77.6814, 74.7973,
104.9508

45.1463, 60.0004,
14.1723

79.3490, 75.6570,
105.0289

43.4875, 59.2042,
11.4305

81.0624, 76.5403,
105.1090

42.0810, 58.5137,
9.8053

82.8217, 77.4473,
105.1914

40.8891, 57.9153,
9.0237

84.1042, 78.1084,
105.2514

Harmonies

Analogous

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



64.3604, 67.5629, 59.8687



61.8146, 67.5629, 61.4127



59.9573, 67.5629, 66.1488

Triad

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



61.8146, 67.5629, 61.4127



61.5721, 67.5629, 86.7615



69.4675, 67.5629, 73.9771

Complementary

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



61.8146, 67.5629, 61.4127



55.8615, 56.3211, 73.5761

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.



68.6728, 67.5629, 81.5147



61.8146, 67.5629, 61.4127



64.0728, 67.5629, 89.2043

Square

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



61.8146, 67.5629, 61.4127



59.8200, 67.5629, 80.7532



66.6798, 67.5629, 87.2221



68.8233, 67.5629, 66.8156

Rectangle

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



61.8146, 67.5629, 61.4127



59.3343, 67.5629, 70.6548



66.6798, 67.5629, 87.2221



69.3594, 67.5629, 76.5530

Sweetspot

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



61.8164, 67.5658, 61.4142



93.2054, 99.1886, 102.5120



59.0682, 59.8944, 60.0783



19.8462, 21.1848, 21.5856



0.0000, 0.0000, 0.0000



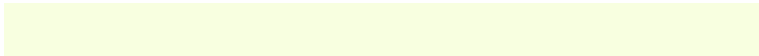
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8164, 67.5658, 61.4142



87.9948, 96.8875, 84.8691



58.8156, 66.0188, 61.2737



13.8576, 15.1068, 13.9111



24.8464, 35.1063, 5.4666



1.6820, 2.3116, 0.3575

Inverse Universe

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



55.8615, 56.3211, 73.5761



77.8843, 77.7953, 105.5188



58.8389, 57.8560, 73.7154



12.6144, 12.7593, 16.4501



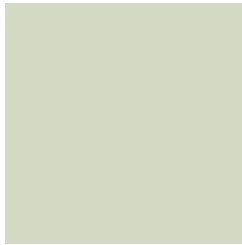
8.4348, 3.4725, 39.9641



0.6219, 0.2638, 2.5926

Previews

White Background



This preview shows how the XYZ color 61.8146, 67.5629, 61.4127 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 61.8146, 67.5629, 61.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

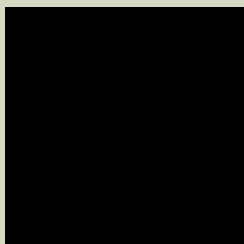
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

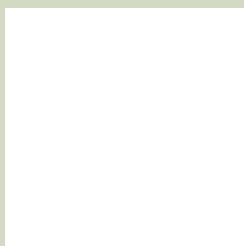
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8146, 67.5629, 61.4127

Background



This preview shows how black text looks on a background with the XYZ color 61.8146, 67.5629, 61.4127.



This preview shows how white text looks on a background with the XYZ color 61.8146, 67.5629,

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

61.8146, 67.5629, 61.4127

Protanopia

64.1036, 67.6314, 60.1276

Deuteranopia

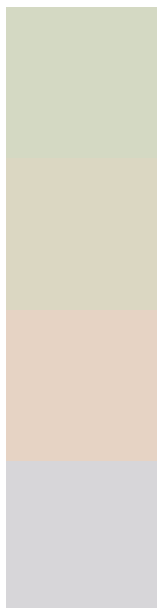
68.6665, 67.3576, 62.2055



Tritanopia

66.3016, 67.4958, 83.6623

Trichromacy



Original Color

61.8146, 67.5629, 61.4127

Protanomaly

63.2515, 67.5560, 60.7448

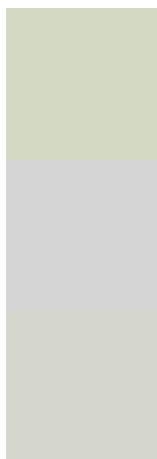
Deuteranomaly

65.8912, 67.3970, 61.7606

Tritanomaly

64.5953, 67.5500, 75.2796

Monochromacy



Original Color

61.8146, 67.5629, 61.4127

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.6277, 66.6955, 67.9652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8146, 67.5629, 61.4127 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, 217, 195) looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 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, 217, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.8146, 67.5629, 61.4127 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, 217, 195) }
```


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

```
.border{ border-color:rgb(212, 217, 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, 217, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 217, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 217, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 217,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8146, 67.5629, 61.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 217, 195) }
```

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

```
.background{ background-color: rgb(212,  
217, 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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