

Converting Colors

XYZ(61.7323, 67.9872, 58.4550)

Have a look what the booklet for
XYZ(61.7323, 67.9872, 58.4550)
contains.

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Color

**XYZ(61.8062, 68.0066,
58.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DABE
RGB	213, 218, 190
RGB Percent	84%, 85%, 75%
CMY	0.1647, 0.1451, 0.2549
CMYK	0.02, 0.00, 0.13, 0.15
HSL	71°, 27%, 80%
HSV	71°, 13%, 85%
XYZ	61.8062, 68.0066, 58.5843
YIQ	213.3130, 6.0080, -9.7680

Conversions

Conversions Part 2

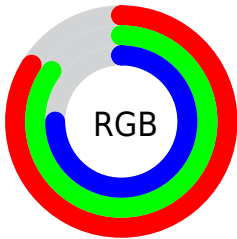
Format	Color
RYB	190, 218, 195
Decimal	14015166
CIELab	86.01, -6.52, 13.21
CIELCh	86, 14.731, 116.261
Yxy	68.0066, 0.3281, 0.3610
Android (android.graphics.Color)	4292205246 (0xFFD5DABE)
YUV	213.3130, -11.4933, -0.2745
Hunter-Lab	82.4661, -10.5346, 15.6064

Details

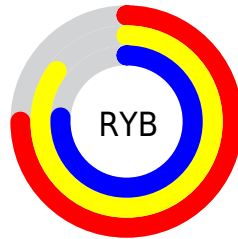
The XYZ color **61.8062, 68.0066, 58.5843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.5767, 53.4929, 73.8346**, and the grayscale version is **63.5286, 66.8370, 72.7855**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **31.7131, 35.2696, 28.8032** is the 20% darker color. If you saturate the color by 10%, you get **58.4836, 66.5508, 46.9074**, and if you desaturate by 10%, it is **65.5161, 69.6249, 72.1426**.

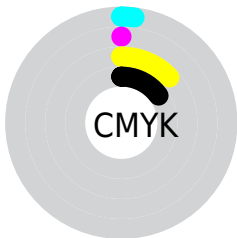
Distribution



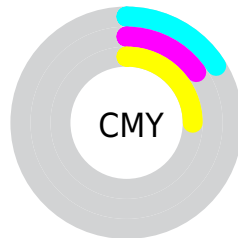
- Red (84%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8062, 68.0066, 58.5843 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 61.8062, 68.0066, 58.5843 by changing the saturation by 10% instead.

■ 61.8062, 68.0066,
58.5843

■ 61.8062, 68.0066,
58.5843

420.9527,
453.5194, 437.0186

■ 45.1311, 49.9031,
41.8608

■ 106.5369,
116.3616, 104.2964

■ 31.7624, 35.3364,
28.6675

135.3233,
147.3819, 134.1221

■ 21.3348, 23.9221,
18.5860

168.8774,
183.4765, 169.1522

■ 13.4828, 15.2759,
11.1978

207.5647,
225.0300, 209.8053

■ 7.8411, 9.0132,
6.0842

251.7505,
272.4266, 256.5000

■ 4.0444, 4.7498,
2.8267

301.8002,

■ 1.7273, 2.1012,

326.0508, 309.6547

1.0068

358.0791,
386.2869, 369.6881

■ 0.4733, 0.6653,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8062, 68.0066,
58.5843

■ 61.8062, 68.0066,
58.5843

■ 58.4836, 66.5508,
46.9074

■ 65.5161, 69.6249,
72.1426

■ 55.5268, 65.2422,
37.0243

■ 69.6227, 71.4029,
87.6557

■ 52.9206, 64.0769,
28.8473

■ 74.0771, 73.3231,
104.8562

■ 50.6462, 63.0475,
22.2794

■ 75.3035, 73.9553,
104.9136

■ 48.6833, 62.1457,
17.2139

■ 76.5577, 74.6019,
104.9723

■ 47.0090, 61.3623,
13.5312

■ 77.8400, 75.2629,
105.0323

■ 45.5970, 60.6868,
11.0937

■ 79.1505, 75.9385,
105.0937

■ 44.4154, 60.1065,
9.7354

■ 80.4894, 76.6288,
105.1563

■ 43.6738, 59.7347,
9.2281

■ 81.8570, 77.3337,
105.2203

Harmonies

Analogous

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



65.0628, 68.0066, 56.9902



61.8062, 68.0066, 58.5843



59.3850, 68.0066, 64.1872

Triad

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



61.8062, 68.0066, 58.5843



61.0967, 68.0066, 90.6221



71.3400, 68.0066, 75.2676

Complementary

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



61.8062, 68.0066, 58.5843



53.5767, 53.4929, 73.8346

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.



70.1925, 68.0066, 84.8695



61.8062, 68.0066, 58.5843



64.2155, 68.0066, 94.2084

Square

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



61.8062, 68.0066, 58.5843



58.9855, 68.0066, 82.5886



67.5555, 68.0066, 92.0174



70.6410, 68.0066, 66.1168

Rectangle

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



61.8062, 68.0066, 58.5843



58.5308, 68.0066, 69.7161



67.5555, 68.0066, 92.0174



71.1564, 68.0066, 78.5549

Sweetspot

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



61.8080, 68.0096, 58.5858



92.7835, 99.0163, 100.4480



57.6505, 57.5061, 56.7775



19.7705, 21.1549, 21.1707



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.



61.8080, 68.0096, 58.5858



87.0216, 96.5033, 79.5157



58.0098, 66.0515, 58.4080



13.9221, 15.1401, 13.9141



26.2465, 35.8281, 5.5322



1.7613, 2.3525, 0.3613

Inverse Universe

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



53.5767, 53.4929, 73.8346



73.4106, 72.4981, 104.7321



57.2709, 55.3973, 74.0075



12.5546, 12.7285, 16.4473



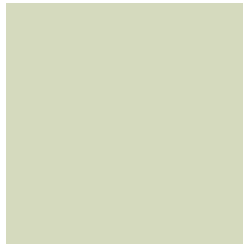
8.1463, 3.3238, 39.9506



0.5938, 0.2494, 2.5913

Previews

White Background



This preview shows how the XYZ color 61.8062, 68.0066, 58.5843 looks on a white background.

Color Contrast Check

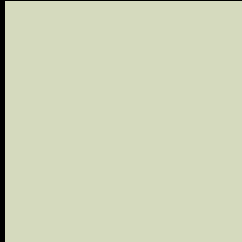
Large Text (above 18pt) WCAG AA × Fail

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 61.8062, 68.0066, 58.5843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

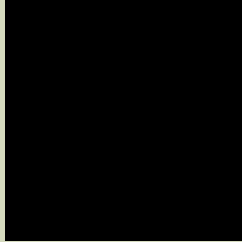
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

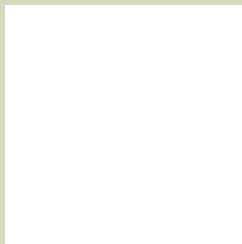
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8062, 68.0066, 58.5843

Background



This preview shows how black text looks on a background with the XYZ color 61.8062, 68.0066, 58.5843.



This preview shows how white text looks on a background with the XYZ color 61.8062, 68.0066,

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

61.8062, 68.0066, 58.5843

Protanopia

64.1750, 67.7315, 57.2681

Deuteranopia

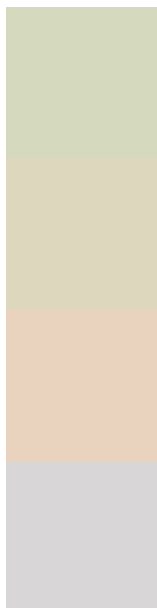
69.1355, 67.6645, 59.2859



Tritanopia

66.8998, 67.8042, 83.6903

Trichromacy



Original Color

61.8062, 68.0066, 58.5843

Protanomaly

63.3045, 67.6472, 57.8648

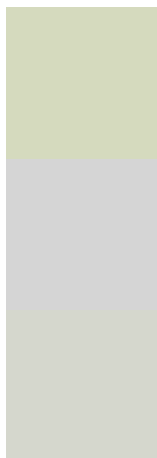
Deuteranomaly

66.3025, 67.6738, 58.8580

Tritanomaly

64.9276, 67.7511, 73.9452

Monochromacy



Original Color

61.8062, 68.0066, 58.5843

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7605, 67.1548, 67.4119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8062, 68.0066, 58.5843 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(213, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(213, 218, 190)  
}
```

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(213, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 218, 190) }
```

Border

The CSS property to change the border of an element to XYZ 61.8062, 68.0066, 58.5843 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(213, 218, 190) }
```


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

```
.border{ border-color:rgb(213, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(213, 218,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8062, 68.0066, 58.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 218, 190) }
```

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

```
.background{ background-color: rgb(213,  
218, 190) }
```

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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