

Converting Colors

XYZ(61.8719, 68.8013, 57.6506)

Have a look what the booklet for
XYZ(61.8719, 68.8013, 57.6506)
contains.

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Color

**XYZ(61.8217, 68.8143,
57.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DCBC
RGB	212, 220, 188
RGB Percent	83%, 86%, 74%
CMY	0.1686, 0.1372, 0.2627
CMYK	0.04, 0.00, 0.15, 0.14
HSL	75°, 31%, 80%
HSV	75°, 15%, 86%
XYZ	61.8217, 68.8143, 57.6011
YIQ	213.9600, 5.5040, -11.6480

Conversions

Conversions Part 2

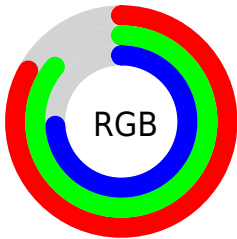
Format	Color
R _{YB}	188, 220, 196
Decimal	13950140
CIE _{Lab}	86.41, -8.22, 14.82
CIE _{LCh}	86, 16.944, 119.003
Y _{xy}	68.8143, 0.3284, 0.3656
Android (android.graphics.Color)	4292140220 (0xFFD4DCBC)
YUV	213.9600, -12.7983, -1.7189
Hunter-Lab	82.9544, -12.1432, 16.8988

Details

The XYZ color **61.8217, 68.8143, 57.6011** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6691, 52.8714, 75.0904**, and the grayscale version is **63.9720, 67.3035, 73.2935**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **31.7329, 35.8276, 28.1646** is the 20% darker color. If you saturate the color by 10%, you get **58.0699, 67.1357, 45.9749**, and if you desaturate by 10%, it is **65.9929, 70.6714, 71.1370**.

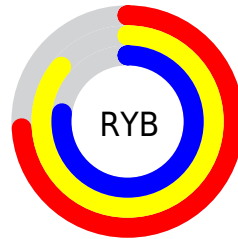
Distribution



Red (83%)

Green (86%)

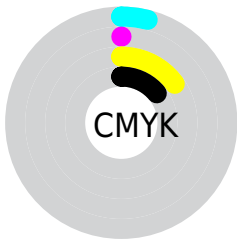
Blue (74%)



Red (74%)

Yellow (86%)

Blue (77%)

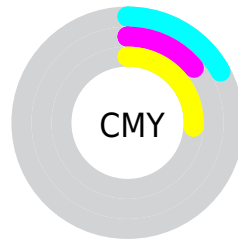


Cyan (4%)

Magenta (0%)

Yellow (15%)

Black (14%)



Cyan (17%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8217, 68.8143, 57.6011 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 61.8217, 68.8143, 57.6011 by changing the saturation by 10% instead.


 61.8217, 68.8143,
57.6011

 61.8217, 68.8143,
57.6011


421.0083,
456.3757, 433.2546

 45.1437, 50.5605,
41.0755


 106.5592,
117.5163, 102.8508

 31.7724, 35.8589,
28.0579


135.3494,
148.7333, 132.4119

 21.3424, 24.3253,
18.1299


168.9077,
185.0401, 167.1552

 13.4884, 15.5751,
10.8729

207.5995,
226.8212, 207.4994

 7.8450, 9.2240,
5.8683

251.7901,
274.4609, 253.8628

 4.0469, 4.8876,
2.6977

301.8448,

 1.7287, 2.1814,

328.3436, 306.6642

0.9423

358.1291,
388.8538, 366.3219

■ 0.4741, 0.7098,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8217, 68.8143,
57.6011

■ 61.8217, 68.8143,
57.6011

■ 58.0699, 67.1357,
45.9749

■ 65.9929, 70.6714,
71.1370

■ 54.7150, 65.6198,
36.1679

■ 70.5938, 72.7045,
86.6587

■ 51.7408, 64.2623,
28.0892

■ 75.6410, 74.9225,
104.2435

■ 49.1277, 63.0553,
21.6381

■ 77.5799, 75.9035,
105.1697

■ 46.8541, 61.9900,
16.7034

■ 79.4149, 76.8494,
105.2556

■ 44.8955, 61.0567,
13.1601

■ 81.3064, 77.8246,
105.3441

■ 43.2239, 60.2441,
10.8634

■ 83.2551, 78.8291,
105.4353

■ 41.8053, 59.5384,
9.6364

■ 84.8846, 79.6692,
105.5115

■ 41.1075, 59.1864,
9.2575

Harmonies

Analogous

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



65.5370, 68.8143, 55.3634



61.8217, 68.8143, 57.6011



59.1599, 68.8143, 64.3587

Triad

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



61.8217, 68.8143, 57.6011



61.6034, 68.8143, 94.9794



73.2291, 68.8143, 75.3029

Complementary

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



61.8217, 68.8143, 57.6011



53.6691, 52.8714, 75.0904

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.



72.0767, 68.8143, 86.5934



61.8217, 68.8143, 57.6011



65.2750, 68.8143, 98.6292

Square

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



61.8217, 68.8143, 57.6011



59.0375, 68.8143, 85.8796



69.1261, 68.8143, 95.4196



72.2166, 68.8143, 64.9477

Rectangle

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



61.8217, 68.8143, 57.6011



58.2877, 68.8143, 70.8874



69.1261, 68.8143, 95.4196



73.0813, 68.8143, 79.1174

Sweetspot

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



61.8235, 68.8173, 57.6026



92.5186, 98.8797, 100.4356



58.3346, 58.3285, 55.7619



19.7032, 21.1202, 21.1675



0.0000, 0.0000, 0.0000



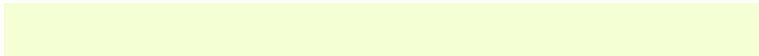
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8235, 68.8173, 57.6026



84.9625, 95.5172, 76.0148



57.4375, 66.5562, 57.3973



13.8276, 15.0914, 13.9097



24.2311, 34.7891, 5.4378



1.6467, 2.2934, 0.3559

Inverse Universe

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



53.6691, 52.8714, 75.0904



71.7813, 69.7396, 104.2855



58.0552, 55.1325, 75.2956



12.6423, 12.7737, 16.4514



8.5934, 3.5542, 39.9715



0.6356, 0.2709, 2.5932

Previews

White Background



This preview shows how the XYZ color 61.8217, 68.8143, 57.6011 looks on a white background.

Color Contrast Check

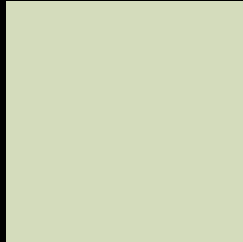
Large Text (above 18pt) WCAG AA × Fail

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 61.8217, 68.8143, 57.6011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

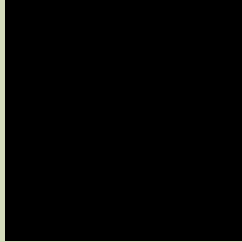
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

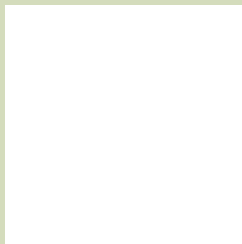
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8217, 68.8143, 57.6011

Background



This preview shows how black text looks on a background with the XYZ color 61.8217, 68.8143, 57.6011.



This preview shows how white text looks on a background with the XYZ color 61.8217, 68.8143,

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

61.8217, 68.8143, 57.6011

Protanopia

64.8419, 68.4769, 56.2542

Deuteranopia

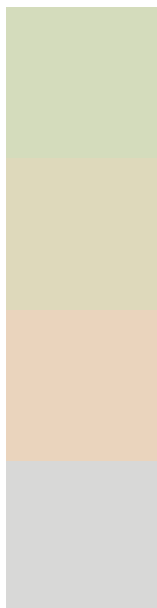
69.8562, 68.4223, 58.2402



Tritanopia

67.3838, 68.7681, 85.3234

Trichromacy



Original Color

61.8217, 68.8143, 57.6011

Protanomaly

63.9067, 68.7432, 56.9142

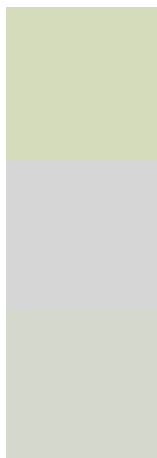
Deuteranomaly

66.6605, 68.2535, 57.8050

Tritanomaly

65.1405, 68.6170, 74.1011

Monochromacy



Original Color

61.8217, 68.8143, 57.6011

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.0159, 67.6656, 67.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8217, 68.8143, 57.6011 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, 220, 188) looks like.

```
.text, #text, p{  
    color:rgb(212, 220, 188)  
}
```

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, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 220, 188) }
```

Border

The CSS property to change the border of an element to XYZ 61.8217, 68.8143, 57.6011 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, 220, 188) }
```


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

```
.border{ border-color:rgb(212, 220, 188) }
```

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

Here you see how a box with a 4 pixel rgb(212, 220, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 220, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 220, 188);  
box-shadow:4px 4px 4px 4px rgb(212, 220,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8217, 68.8143, 57.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 220, 188) }
```

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

```
.background{ background-color: rgb(212,  
220, 188) }
```

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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