

Converting Colors

XYZ(61.4064, 65.1693, 68.6416)

Have a look what the booklet for
XYZ(61.4064, 65.1693, 68.6416)
contains.

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Color

**XYZ(61.3843, 65.2936,
68.3991)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D4CF
RGB	210, 212, 207
RGB Percent	82%, 83%, 81%
CMY	0.1765, 0.1686, 0.1882
CMYK	0.01, 0.00, 0.02, 0.17
HSL	84°, 5%, 82%
HSV	84°, 2%, 83%
XYZ	61.3843, 65.2936, 68.3991
YIQ	210.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

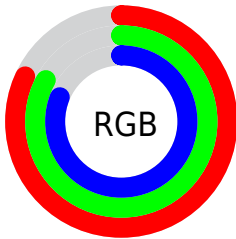
Format	Color
RYP	207, 212, 209
Decimal	13817039
CIELab	84.63, -1.58, 2.22
CIElCh	85, 2.725, 125.421
Yxy	65.2936, 0.3147, 0.3347
Android (android.graphics.Color)	4292007119 (0xFFD2D4CF)
YUV	210.8320, -1.8892, -0.7297
Hunter-Lab	80.8045, -5.8076, 6.3755

Details

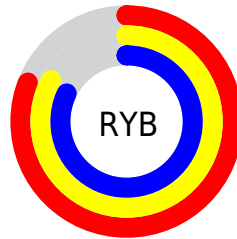
The XYZ color **61.3843, 65.2936, 68.3991** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4935, 62.9362, 71.2503**, and the grayscale version is **61.8194, 65.0389, 70.8273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5170, 33.4818, 34.9385** is the 20% darker color. If you saturate the color by 10%, you get **56.6115, 63.1147, 55.5421**, and if you desaturate by 10%, it is **66.6371, 67.6835, 83.0980**.

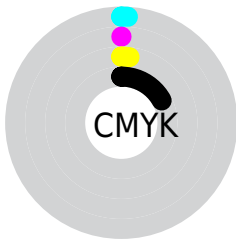
Distribution



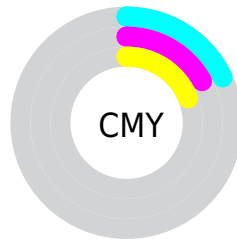
- Red (82%)
- Green (83%)
- Blue (81%)



- Red (81%)
- Yellow (83%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3843, 65.2936, 68.3991 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 61.3843, 65.2936, 68.3991 by changing the saturation by 10% instead.

■ 61.3843, 65.2936,
68.3991

■ 61.3843, 65.2936,
68.3991

419.4351,
443.8463, 473.5452

■ 44.7891, 47.6992,
49.7538

105.9301,
112.4719, 118.5825

■ 31.4919, 33.5887,
34.8480

134.6115,
142.8245, 150.9577

■ 21.1274, 22.5778,
23.2632

168.0523,
178.1987, 188.7465

■ 13.3301, 14.2821,
14.5808

206.6178,
218.9788, 232.3676

■ 7.7348, 8.3171,
8.3824

250.6736,
265.5492, 282.2395

■ 3.9761, 4.2985,
4.2493

300.5848,

■ 1.6886, 1.8419,

318.2943, 338.7807

1.7631

356.7168,
377.5985, 402.4097

■ 0.4491, 0.5131,
0.4034

■ 0.0000, 0.0000,
0.0000

■ 61.3843, 65.2936,
68.3991

■ 61.3843, 65.2936,
68.3991

■ 56.6115, 63.1147,
55.5421

■ 66.6371, 67.6835,
83.0980

■ 52.2976, 61.1318,
44.4502

■ 72.3794, 70.2822,
99.7031

■ 48.4275, 59.3408,
35.0473

■ 76.0118, 72.0522,
104.5089

■ 44.9835, 57.7344,
27.2502

■ 78.8900, 73.5359,
104.6436

■ 41.9464, 56.3046,
20.9687

■ 81.9039, 75.0896,
104.7847

■ 39.2951, 55.0427,
16.1037

■ 82.8348, 75.5695,
104.8283

■ 37.0064, 53.9393,
12.5441

■ 35.0538, 52.9833,
10.1624

■ 33.4058, 52.1621,
8.8056

Harmonies

Analogous

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



61.9492, 65.2936, 67.8113



61.3843, 65.2936, 68.3991



61.0022, 65.2936, 69.7096

Triad

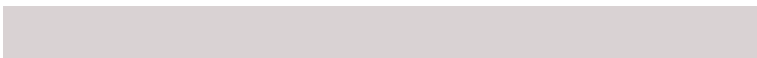
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3843, 65.2936, 68.3991



61.5744, 65.2936, 74.1830



63.2311, 65.2936, 70.7777

Complementary

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



61.3843, 65.2936, 68.3991



60.4935, 62.9362, 71.2503

Split Complementary

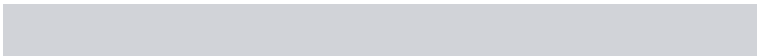
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.1292, 65.2936, 72.4959



61.3843, 65.2936, 68.3991



62.1701, 65.2936, 74.4802

Square

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



61.3843, 65.2936, 68.3991



61.1115, 65.2936, 73.0524



62.7399, 65.2936, 73.8580



63.0175, 65.2936, 69.1702

Rectangle

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



61.3843, 65.2936, 68.3991



60.9012, 65.2936, 70.8266



62.7399, 65.2936, 73.8580



63.2326, 65.2936, 71.3614

Sweetspot

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



61.3861, 65.2964, 68.4005



94.2674, 99.6437, 106.7345



61.2167, 64.1052, 68.1795



20.1854, 21.3316, 22.8684



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.



61.3861, 65.2964, 68.4005



92.7244, 98.9406, 102.4895



60.6800, 64.9324, 68.3675



13.5780, 14.5384, 14.8742



20.0628, 31.9191, 5.1036



1.3024, 1.9728, 0.3121

Inverse Universe

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



60.4935, 62.9362, 71.2503



90.9906, 94.3563, 108.0246



61.2063, 63.3037, 71.2836



13.2619, 13.7025, 15.8834



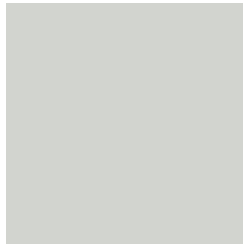
9.7498, 4.1787, 38.7459



0.6802, 0.2995, 2.3413

Previews

White Background



This preview shows how the XYZ color 61.3843, 65.2936, 68.3991 looks on a white background.

Color Contrast Check

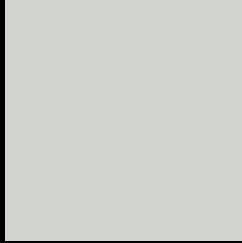
Large Text (above 18pt) WCAG AA × Fail

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 61.3843, 65.2936, 68.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

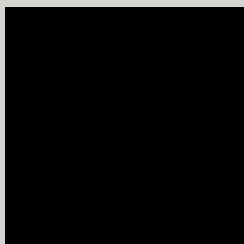
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

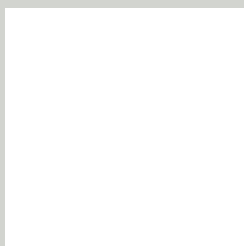
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3843, 65.2936, 68.3991

Background



This preview shows how black text looks on a background with the XYZ color 61.3843, 65.2936, 68.3991.

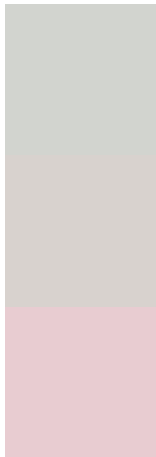


This preview shows how white text looks on a background with the XYZ color 61.3843, 65.2936,

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

61.3843, 65.2936, 68.3991

Protanopia

62.5061, 65.1483, 67.6730

Deuteranopia

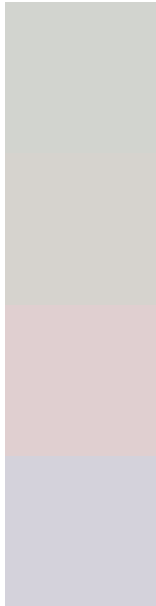
66.3802, 64.9450, 69.3586



Tritanopia

63.9685, 65.2380, 81.1722

Trichromacy



Original Color

61.3843, 65.2936, 68.3991

Protanomaly

62.1664, 65.3409, 67.7281

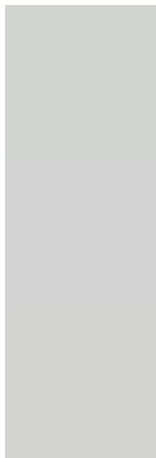
Deuteranomaly

64.4385, 65.0270, 68.8297

Tritanomaly

62.9842, 65.2047, 76.2840

Monochromacy



Original Color

61.3843, 65.2936, 68.3991

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7911, 65.0906, 70.2798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3843, 65.2936, 68.3991 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(210, 212, 207) looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 207)  
}
```

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(210, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.3843, 65.2936, 68.3991 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(210, 212, 207) }
```


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

```
.border{ border-color:rgb(210, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3843, 65.2936, 68.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 207) }
```

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

```
.background{ background-color: rgb(210,  
212, 207) }
```

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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