

Converting Colors

XYZ(61.3397, 66.0200, 71.8355)

Have a look what the booklet for
XYZ(61.3397, 66.0200, 71.8355)
contains.

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Color

**XYZ(61.3838, 65.9684,
71.7853)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CED6D4 |
| RGB | 206, 214, 212 |
| RGB Percent | 81%, 84%, 83% |
| CMY | 0.1922, 0.1608, 0.1686 |
| CMYK | 0.04, 0.00, 0.01, 0.16 |
| HSL | 165°, 9%, 82% |
| HSV | 165°, 4%, 84% |
| XYZ | 61.3838, 65.9684, 71.7853 |
| YIQ | 211.3800, -4.1260, -2.3180 |

Conversions

Conversions Part 2

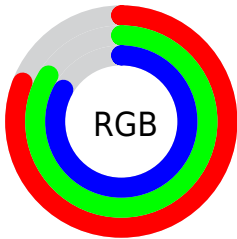
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 206, 211, 214 |
| Decimal | 13555412 |
| CIELab | 84.98, -3.07, 0.03 |
| CIELCh | 85, 3.070, 179.350 |
| Yxy | 65.9684, 0.3082, 0.3313 |
| Android (android.graphics.Color) | 4291745492 (0xFFCED6D4) |
| YUV | 211.3800, 0.3057, -4.7183 |
| Hunter-Lab | 81.2209, -7.2329, 4.4525 |

Details

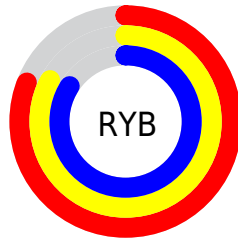
The XYZ color **61.3838, 65.9684, 71.7853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1904, 62.9945, 68.6117**, and the grayscale version is **62.1697, 65.4073, 71.2286**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4328, 33.9060, 36.7861** is the 20% darker color. If you saturate the color by 10%, you get **55.1783, 62.8480, 68.0267**, and if you desaturate by 10%, it is **68.4244, 69.5204, 75.7027**.

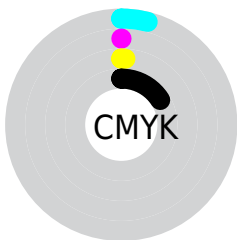
Distribution



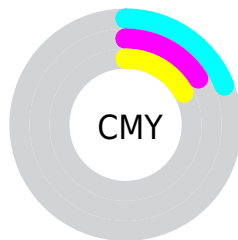
- Red (81%)
- Green (84%)
- Blue (83%)



- Red (81%)
- Yellow (83%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3838, 65.9684, 71.7853 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 61.3838, 65.9684, 71.7853 by changing the saturation by 10% instead.

■ 61.3838, 65.9684,
71.7853

■ 61.3838, 65.9684,
71.7853

419.4333,
446.2639, 485.7514

■ 44.7887, 48.2468,
52.4975

105.9294,
113.4410, 123.4561

■ 31.4916, 34.0223,
37.0168

134.6107,
143.9607, 156.6763

■ 21.1271, 22.9108,
24.9246

168.0513,
179.5152, 195.3776

■ 13.3300, 14.5276,
15.8024

206.6167,
220.4890, 239.9787

■ 7.7347, 8.4885,
9.2316

250.6723,
267.2663, 290.8981

■ 3.9760, 4.4091,
4.7937

300.5833,

■ 1.6886, 1.9049,

320.2316, 348.5543

2.0701

356.7152,
379.7694, 413.3659

■ 0.4491, 0.5513,
0.5979

■ 0.0000, 0.0000,
0.0000

■ 61.3838, 65.9684,
71.7853

■ 61.3838, 65.9684,
71.7853

■ 55.1783, 62.8480,
68.0267

■ 68.4244, 69.5204,
75.7027

■ 49.7697, 60.1340,
64.4200

■ 76.3252, 73.5115,
79.7773

■ 45.1248, 57.8111,
60.9638

■ 79.3014, 74.9611,
83.7405

■ 41.2062, 55.8602,
57.6552

■ 80.0572, 75.2634,
87.7202

■ 37.9732, 54.2602,
54.4913

■ 80.8362, 75.5750,
91.8224

■ 35.3809, 52.9881,
51.4686

■ 81.6386, 75.8960,
96.0480

■ 33.3790, 52.0178,
48.5836

■ 82.4647, 76.2264,
100.3982

■ 31.9094, 51.3196,
45.8324

■ 83.3147, 76.5664,
104.8740

■ 30.9016, 50.8570,
43.2104

■ 83.3378, 76.5757,
104.9959

Harmonies

Analogous

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



61.5666, 65.9684, 69.9089



61.3838, 65.9684, 71.7853



61.5518, 65.9684, 73.7067

Triad

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



61.3838, 65.9684, 71.7853



63.3535, 65.9684, 75.1911



63.3797, 65.9684, 68.6092

Complementary

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



61.3838, 65.9684, 71.7853



61.1904, 62.9945, 68.6117

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.



63.8644, 65.9684, 69.9822



61.3838, 65.9684, 71.7853



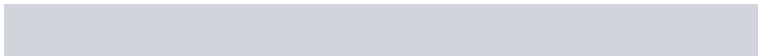
63.8492, 65.9684, 73.7827

Square

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



61.3838, 65.9684, 71.7853



62.6859, 65.9684, 75.6948



64.0369, 65.9684, 71.8715



62.7160, 65.9684, 68.0959

Rectangle

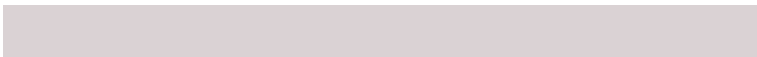
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3838, 65.9684, 71.7853



61.8408, 65.9684, 74.7497



64.0369, 65.9684, 71.8715



63.5692, 65.9684, 68.9842

Sweetspot

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



61.3857, 65.9712, 71.7867



94.0154, 99.4785, 108.3160



61.2392, 65.9815, 67.9014



20.1341, 21.2980, 23.1903



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.



61.3857, 65.9712, 71.7867



90.9880, 97.9532, 106.5784



61.1701, 65.1330, 72.9696



13.3078, 14.3818, 15.6448



18.4364, 30.6299, 25.3916



1.1442, 1.8603, 1.7011

Inverse Universe

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



61.1904, 62.9945, 68.6117



90.6750, 93.1811, 101.4884



61.3977, 63.8010, 67.4722



13.2543, 13.5657, 14.7743



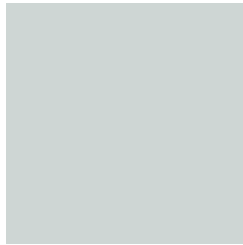
17.1937, 8.8138, 3.0581



1.0705, 0.5450, 0.3609

Previews

White Background



This preview shows how the XYZ color 61.3838, 65.9684, 71.7853 looks on a white background.

Color Contrast Check

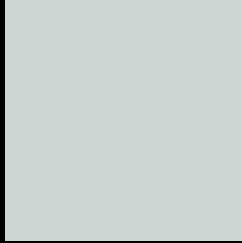
Large Text (above 18pt) WCAG AA × Fail

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 61.3838, 65.9684, 71.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

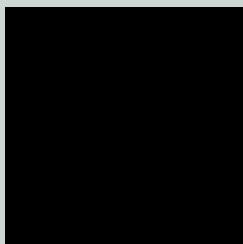
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

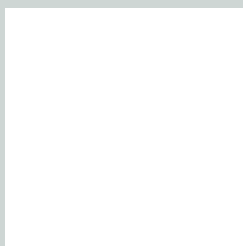
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3838, 65.9684, 71.7853

Background



This preview shows how black text looks on a background with the XYZ color 61.3838, 65.9684, 71.7853.

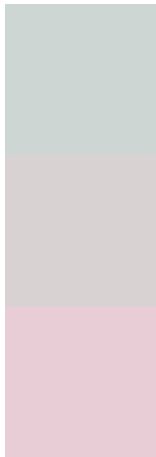


This preview shows how white text looks on a background with the XYZ color 61.3838, 65.9684,

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

61.3838, 65.9684, 71.7853

Protanopia

63.2460, 65.8406, 70.3479

Deuteranopia

67.2476, 65.6735, 72.7502



Tritanopia

63.8416, 66.2437, 82.8203

Trichromacy



Original Color

61.3838, 65.9684, 71.7853

Protanomaly

62.4527, 65.7872, 71.0346

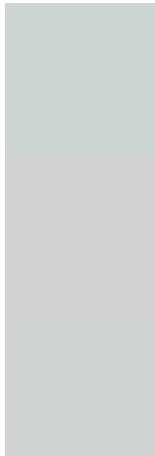
Deuteranomaly

64.9975, 65.6038, 72.1879

Tritanomaly

62.9915, 66.2723, 78.5791

Monochromacy



Original Color

61.3838, 65.9684, 71.7853

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5959, 65.3454, 70.9945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3838, 65.9684, 71.7853 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(206, 214, 212) looks like.

```
.text, #text, p{  
    color:rgb(206, 214, 212)  
}
```

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(206, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 214, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.3838, 65.9684, 71.7853 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(206, 214, 212) }
```


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

```
.border{ border-color:rgb(206, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 214,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3838, 65.9684, 71.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 214, 212) }
```

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

```
.background{ background-color: rgb(206,  
214, 212) }
```

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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