

Converting Colors

XYZ(61.8438, 65.2279, 75.2997)

Have a look what the booklet for
XYZ(61.8438, 65.2279, 75.2997)
contains.

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Color

**XYZ(61.8000, 65.3621,
75.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD4D9
RGB	207, 212, 217
RGB Percent	81%, 83%, 85%
CMY	0.1882, 0.1686, 0.1490
CMYK	0.05, 0.02, 0.00, 0.15
HSL	210°, 12%, 83%
HSV	210°, 5%, 85%
XYZ	61.8000, 65.3621, 75.0046
YIQ	211.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

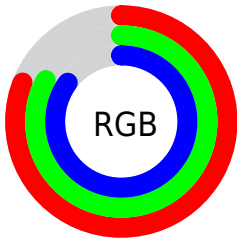
Format	Color
R _Y B	207, 210, 217
Decimal	13620441
CIE Lab	84.67, -0.76, -3.06
CIE LCh	85, 3.157, 256.118
Yxy	65.3621, 0.3057, 0.3233
Android (android.graphics.Color)	4291810521 (0xFFCFD4D9)
YUV	211.0750, 2.9210, -3.5738
Hunter-Lab	80.8468, -5.0350, 1.5873

Details

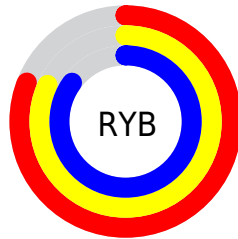
The XYZ color **61.8000, 65.3621, 75.0046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4215, 66.3431, 68.4954**, and the grayscale version is **61.9515, 65.1778, 70.9786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7154, 33.4949, 38.9760** is the 20% darker color. If you saturate the color by 10%, you get **53.5294, 57.2105, 73.8681**, and if you desaturate by 10%, it is **71.0896, 74.3129, 76.2437**.

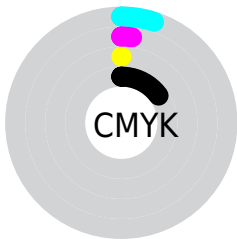
Distribution



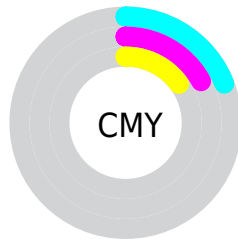
- Red (81%)
- Green (83%)
- Blue (85%)



- Red (81%)
- Yellow (82%)
- Blue (85%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8000, 65.3621, 75.0046 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 61.8000, 65.3621, 75.0046 by changing the saturation by 10% instead.

■ 61.8000, 65.3621,
75.0046

■ 61.8000, 65.3621,
75.0046

420.9304,
444.0921, 497.1892

■ 45.1261, 47.7548,
55.1149

106.5280,
112.5703, 128.0660

■ 31.7585, 33.6327,
39.0945

135.3128,
142.9399, 162.0748

■ 21.3317, 22.6116,
26.5249

168.8653,
178.3324, 201.6271

■ 13.4805, 14.3070,
16.9874

207.5508,
219.1322, 247.1414

■ 7.8395, 8.3345,
10.0637

251.7347,
265.7237, 299.0362

■ 4.0434, 4.3097,
5.3350

301.7824,

■ 1.7267, 1.8483,

318.4912, 357.7301

2.3830

358.0591,
377.8192, 423.6416

■ 0.4729, 0.5170,
0.7772

■ 0.0000, 0.0000,
0.0000

■ 61.8000, 65.3621,
75.0046

■ 61.8000, 65.3621,
75.0046

■ 53.5294, 57.2105,
73.8681

■ 71.0896, 74.3129,
76.2437

■ 46.2349, 49.8253,
72.8271

■ 81.4280, 84.0778,
77.5836

■ 39.8787, 43.1833,
71.8800

■ 86.2761, 91.2928,
78.7207

■ 34.4181, 37.2570,
71.0239

■ 89.5246, 97.7898,
79.8035

■ 29.8069, 32.0167,
70.2555

■ 25.9947, 27.4304,
69.5712

■ 22.9245, 23.4627,
68.9672

■ 20.5315, 20.0734,
68.4391

■ 18.7367, 17.2152,
67.9820

Harmonies

Analogous

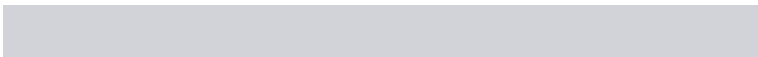
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.1897, 65.3621, 74.0037



61.8000, 65.3621, 75.0046



62.5019, 65.3621, 74.9640

Triad

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



61.8000, 65.3621, 75.0046



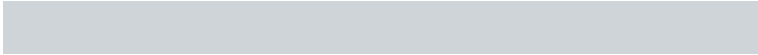
63.4363, 65.3621, 70.0957



61.1526, 65.3621, 68.5105

Complementary

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



61.8000, 65.3621, 75.0046



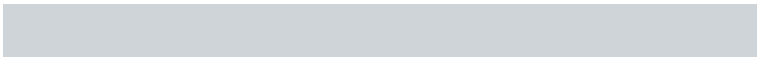
63.4215, 66.3431, 68.4954

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.



61.7491, 65.3621, 67.5028



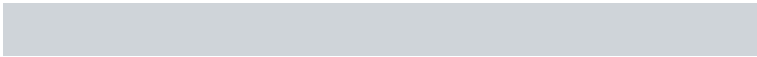
61.8000, 65.3621, 75.0046



63.0693, 65.3621, 68.4061

Square

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



61.8000, 65.3621, 75.0046



63.4502, 65.3621, 72.1039



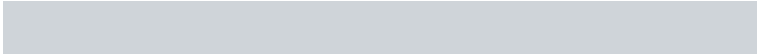
62.4506, 65.3621, 67.4649



60.8178, 65.3621, 70.2407

Rectangle

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



61.8000, 65.3621, 75.0046



62.9273, 65.3621, 74.3511



62.4506, 65.3621, 67.4649



61.3290, 65.3621, 68.0775

Sweetspot

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



61.8019, 65.3649, 75.0060



93.7129, 98.7093, 108.7213



62.4087, 67.6373, 71.9442



20.0725, 21.1415, 23.2727



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.



61.8019, 65.3649, 75.0060



87.2529, 92.4317, 107.8501



60.6108, 62.9827, 74.6090



13.4070, 14.2114, 16.6886



10.9702, 9.8098, 41.0537



0.7969, 0.8079, 2.6884

Inverse Universe

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



62.8132, 64.1321, 71.3587



89.1552, 90.1410, 100.9832



64.6487, 68.7976, 68.9045



13.7277, 13.8271, 15.5306



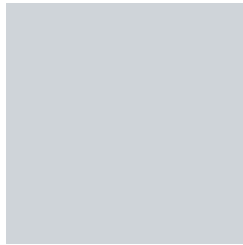
19.0326, 9.6141, 9.8175



1.2765, 0.6402, 0.8651

Previews

White Background



This preview shows how the XYZ color 61.8000, 65.3621, 75.0046 looks on a white background.

Color Contrast Check

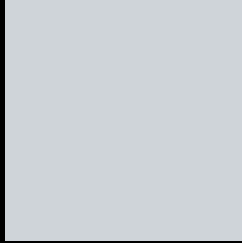
Large Text (above 18pt) WCAG AA × Fail

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 61.8000, 65.3621, 75.0046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

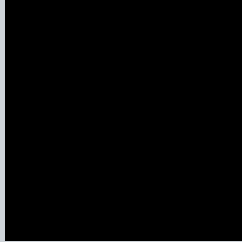
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

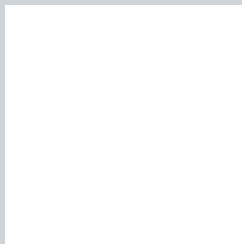
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8000, 65.3621, 75.0046

Background



This preview shows how black text looks on a background with the XYZ color 61.8000, 65.3621, 75.0046.

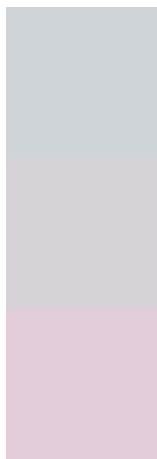


This preview shows how white text looks on a background with the XYZ color 61.8000, 65.3621,

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

61.8000, 65.3621, 75.0046

Protanopia

63.1728, 65.3472, 74.2495

Deuteranopia

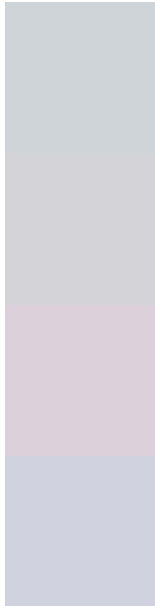
66.4811, 65.2186, 75.4142



Tritanopia

63.2062, 65.1945, 81.9255

Trichromacy



Original Color

61.8000, 65.3621, 75.0046

Protanomaly

62.5529, 65.3953, 74.2914

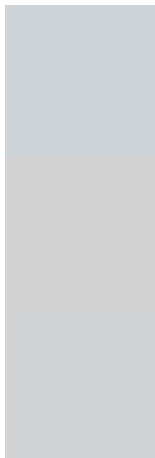
Deuteranomaly

64.7260, 65.3893, 75.5396

Tritanomaly

62.6260, 65.3261, 79.1205

Monochromacy



Original Color

61.8000, 65.3621, 75.0046

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.8828, 65.0943, 72.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8000, 65.3621, 75.0046 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(207, 212, 217) looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 217)  
}
```

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(207, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 61.8000, 65.3621, 75.0046 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(207, 212, 217) }
```


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

```
.border{ border-color:rgb(207, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8000, 65.3621, 75.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 217) }
```

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

```
.background{ background-color: rgb(207,  
212, 217) }
```

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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