

Converting Colors

XYZ(61.6039, 70.9281, 64.8613)

Have a look what the booklet for
XYZ(61.6039, 70.9281, 64.8613)
contains.

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Color

**XYZ(61.7091, 70.9804,
65.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E2C8
RGB	201, 226, 200
RGB Percent	79%, 89%, 78%
CMY	0.2118, 0.1137, 0.2157
CMYK	0.11, 0.00, 0.12, 0.11
HSL	118°, 31%, 84%
HSV	118°, 12%, 89%
XYZ	61.7091, 70.9804, 65.0917
YIQ	215.5610, -6.5540, -13.3860

Conversions

Conversions Part 2

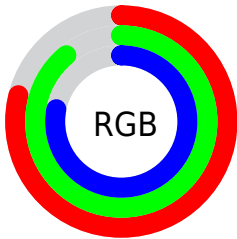
Format	Color
R _Y B	200, 226, 225
Decimal	13230792
CIE Lab	87.48, -13.06, 9.92
CIE LCh	87, 16.405, 142.773
Yxy	70.9804, 0.3120, 0.3589
Android (android.graphics.Color)	4291420872 (0xFFC9E2C8)
YUV	215.5610, -7.6716, -12.7700
Hunter-Lab	84.2499, -16.6943, 13.1673

Details

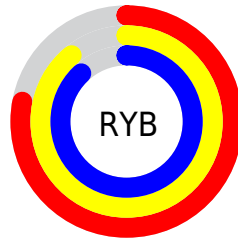
The XYZ color **61.7091, 70.9804, 65.0917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4359, 62.8090, 80.6297**, and the grayscale version is **65.0270, 68.4135, 74.5023**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7838, 37.4042, 32.7387** is the 20% darker color. If you saturate the color by 10%, you get **53.8264, 67.2018, 51.9392**, and if you desaturate by 10%, it is **70.8127, 75.3474, 80.3424**.

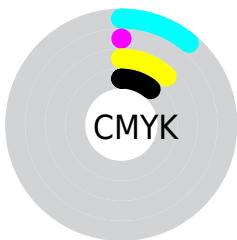
Distribution



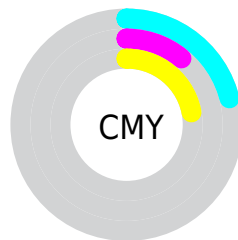
- Red (79%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7091, 70.9804, 65.0917 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 61.7091, 70.9804, 65.0917 by changing the saturation by 10% instead.

61.7091, 70.9804,
65.0917

61.7091, 70.9804,
65.0917

420.6037,
463.9849, 461.4367

45.0524, 52.3262,
47.0836

106.3973,
120.6058, 113.7962

31.7002, 37.2652,
32.7469

135.1595,
152.3458, 145.3297

21.2870, 25.4129,
21.6631

168.6876,
189.2166, 182.2088

13.4476, 16.3849,
13.4136

207.3469,
231.6024, 224.8520

7.8166, 9.7969,
7.5799

251.5028,
279.8878, 273.6779

4.0286, 5.2645,
3.7435

301.5207,

1.7184, 2.4033,

334.4571, 329.1049

1.4857

357.7659,
395.6946, 391.5516

■ 0.4677, 0.8276,
0.2072

■ 0.0000, 0.0000,
0.0000

■ 61.7091, 70.9804,
65.0917

■ 61.7091, 70.9804,
65.0917

■ 53.8264, 67.2018,
51.9392

■ 70.8127, 75.3474,
80.3424

■ 47.1073, 63.9777,
40.7888

■ 81.1798, 80.3168,
97.7726

■ 41.4983, 61.2850,
31.5437

■ 86.4878, 82.8755,
106.0459

■ 36.9396, 59.0950,
24.0974

■ 33.3660, 57.3767,
18.3329

■ 30.7047, 56.0952,
14.1193

■ 28.8729, 55.2112,
11.3067

■ 27.7729, 54.6783,
9.7152

■ 27.3065, 54.4516,
9.0710

Harmonies

Analogous

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



64.6240, 70.9804, 59.2471



61.7091, 70.9804, 65.0917



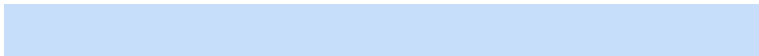
60.3457, 70.9804, 74.6344

Triad

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



61.7091, 70.9804, 65.0917



66.5326, 70.9804, 100.4244



74.5642, 70.9804, 69.3232

Complementary

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



61.7091, 70.9804, 65.0917



65.4359, 62.8090, 80.6297

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.



75.1227, 70.9804, 79.9988



61.7091, 70.9804, 65.0917



70.3875, 70.9804, 98.6575

Square

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



61.7091, 70.9804, 65.0917



63.0606, 70.9804, 95.5349



73.5676, 70.9804, 90.9145



72.0693, 70.9804, 61.5222

Rectangle

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



61.7091, 70.9804, 65.0917



60.4619, 70.9804, 82.0957



73.5676, 70.9804, 90.9145



74.9884, 70.9804, 72.6671

Sweetspot

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



61.7110, 70.9834, 65.0933



91.1879, 98.1485, 102.4176



68.6367, 74.0309, 65.3164



19.3025, 20.9045, 21.5602



0.0000, 0.0000, 0.0000



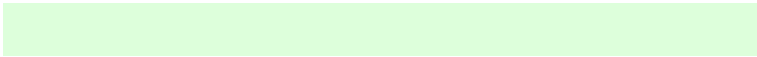
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7110, 70.9834, 65.0933



78.3049, 91.9711, 80.8502



62.8639, 71.4136, 72.5622



13.5773, 15.3622, 14.5564



15.6002, 31.0747, 5.1758



1.0988, 2.1629, 0.3596

Inverse Universe

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



65.4359, 62.8090, 80.6297



84.1967, 79.0403, 105.4264



64.1967, 62.3495, 72.4729



14.2402, 13.9074, 17.3215



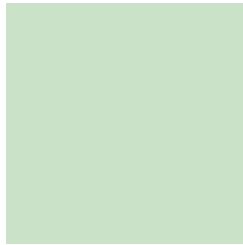
24.2336, 11.5882, 42.0079



1.6962, 0.8117, 2.9125

Previews

White Background



This preview shows how the XYZ color 61.7091, 70.9804, 65.0917 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 61.7091, 70.9804, 65.0917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

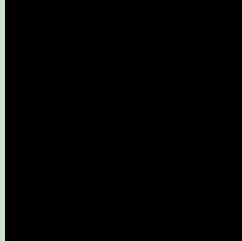
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

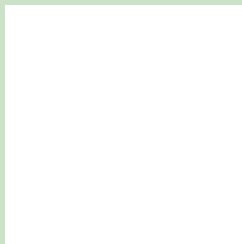
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7091, 70.9804, 65.0917

Background



This preview shows how black text looks on a background with the XYZ color 61.7091, 70.9804, 65.0917.

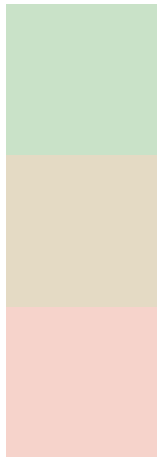


This preview shows how white text looks on a background with the XYZ color 61.7091, 70.9804,

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

61.7091, 70.9804, 65.0917

Protanopia

67.0301, 70.6223, 62.3232

Deuteranopia

72.0798, 70.4932, 66.3074



Tritanopia

67.0212, 71.1513, 91.0901

Trichromacy



Original Color

61.7091, 70.9804, 65.0917

Protanomaly

64.8479, 70.6495, 63.0422

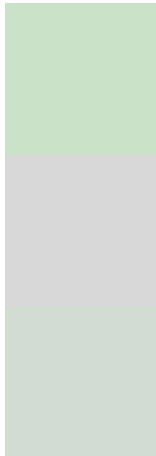
Deuteranomaly

67.8497, 70.1990, 65.8508

Tritanomaly

65.0191, 71.1363, 80.8248

Monochromacy



Original Color

61.7091, 70.9804, 65.0917

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.0900, 69.6884, 71.0461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7091, 70.9804, 65.0917 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(201, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 226, 200)  
}
```

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(201, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 226, 200) }
```

Border

The CSS property to change the border of an element to XYZ 61.7091, 70.9804, 65.0917 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(201, 226, 200) }
```


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

```
.border{ border-color:rgb(201, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 226,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7091, 70.9804, 65.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 226, 200) }
```

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

```
.background{ background-color: rgb(201,  
226, 200) }
```

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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