

Converting Colors

XYZ(61.4931, 70.8641, 65.3476)

Have a look what the booklet for
XYZ(61.4931, 70.8641, 65.3476)
contains.

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Color

**XYZ(61.4411, 70.8422,
65.0792)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E2C8
RGB	200, 226, 200
RGB Percent	78%, 89%, 78%
CMY	0.2157, 0.1137, 0.2157
CMYK	0.12, 0.00, 0.12, 0.11
HSL	120°, 31%, 84%
HSV	120°, 12%, 89%
XYZ	61.4411, 70.8422, 65.0792
YIQ	215.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

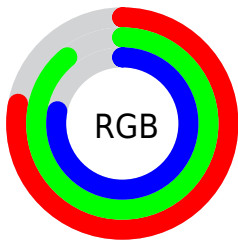
Format	Color
R _{YB}	200, 226, 226
Decimal	13165256
CIE Lab	87.41, -13.40, 9.82
CIE LCh	87, 16.613, 143.767
Yxy	70.8422, 0.3113, 0.3589
Android (android.graphics.Color)	4291355336 (0xFFC8E2C8)
YUV	215.2620, -7.5242, -13.3848
Hunter-Lab	84.1678, -16.9916, 13.0740

Details

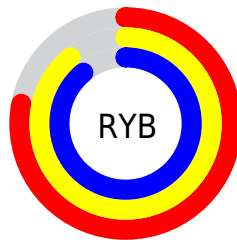
The XYZ color **61.4411, 70.8422, 65.0792** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.7483, 62.9700, 80.6440**, and the grayscale version is **64.8233, 68.1992, 74.2689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6053, 37.3121, 32.7303** is the 20% darker color. If you saturate the color by 10%, you get **53.3966, 66.9801, 51.9193**, and if you desaturate by 10%, it is **70.7723, 75.3265, 80.3403**.

Distribution



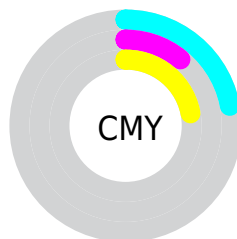
- Red (78%)
- Green (89%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4411, 70.8422, 65.0792 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 61.4411, 70.8422, 65.0792 by changing the saturation by 10% instead.

■ 61.4411, 70.8422,
65.0792

■ 61.4411, 70.8422,
65.0792

419.6396,
463.5016, 461.3905

■ 44.8351, 52.2134,
47.0736

106.0119,
120.4090, 113.7781

■ 31.5283, 37.1752,
32.7390

134.7074,
152.1158, 145.3084

■ 21.1553, 25.3432,
21.6571

168.1634,
188.9508, 182.1840

■ 13.3507, 16.3329,
13.4093

206.7454,
231.2983, 224.8235

■ 7.7491, 9.7600,
7.5769

250.8187,
279.5428, 273.6453

■ 3.9853, 5.2402,
3.7416

300.7485,

■ 1.6938, 2.3888,

334.0685, 329.0681

1.4847

356.9004,
395.2600, 391.5103

■ 0.4524, 0.8201,
0.2065

■ 0.0000, 0.0000,
0.0000

■ 61.4411, 70.8422,
65.0792

■ 61.4411, 70.8422,
65.0792

■ 53.3966, 66.9801,
51.9193

■ 70.7723, 75.3265,
80.3403

■ 46.5767, 63.7042,
40.7643

■ 81.4369, 80.4493,
97.7841

■ 40.9234, 60.9886,
31.5172

■ 86.4877, 82.8755,
106.0459

■ 36.3712, 58.8019,
24.0712

■ 32.8484, 57.1098,
18.3090

■ 30.2749, 55.8736,
14.0995

■ 28.5587, 55.0492,
11.2922

■ 27.5894, 54.5836,
9.7067

■ 27.1978, 54.3955,
9.0660

Harmonies

Analogous

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



64.3444, 70.8422, 59.0363



61.4411, 70.8422, 65.0792



60.1228, 70.8422, 74.8176

Triad

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



61.4411, 70.8422, 65.0792



66.5192, 70.8422, 100.6170



74.4616, 70.8422, 68.7673

Complementary

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



61.4411, 70.8422, 65.0792



65.7483, 62.9700, 80.6440

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.



75.0986, 70.8422, 79.5000



61.4411, 70.8422, 65.0792



70.4135, 70.8422, 98.5997

Square

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



61.4411, 70.8422, 65.0792



62.9805, 70.8422, 95.8679



73.5908, 70.8422, 90.5949



71.8823, 70.8422, 61.0169

Rectangle

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



61.4411, 70.8422, 65.0792



60.2822, 70.8422, 82.3810



73.5908, 70.8422, 90.5949



74.9140, 70.8422, 72.1168

Sweetspot

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



61.4430, 70.8452, 65.0808



91.0839, 98.0949, 102.4128



68.9888, 74.7352, 65.4336



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



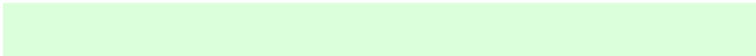
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4430, 70.8452, 65.0808



77.8896, 91.7570, 80.8311



63.0282, 71.4793, 73.4279



13.5288, 15.3373, 14.5542



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



65.7483, 62.9700, 80.6440



84.6998, 79.2997, 105.4495



64.0309, 62.2830, 71.6000



14.2951, 13.9357, 17.3241



25.7244, 12.3568, 42.0762



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 61.4411, 70.8422, 65.0792 looks on a white background.

Color Contrast Check

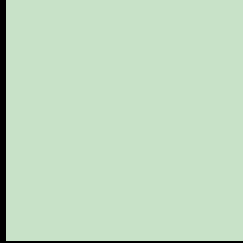
Large Text (above 18pt) WCAG AA × Fail

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 61.4411, 70.8422, 65.0792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

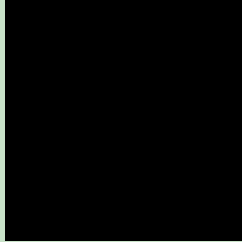
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

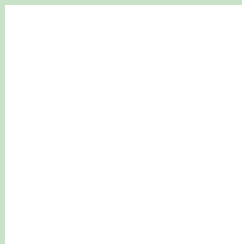
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4411, 70.8422, 65.0792

Background



This preview shows how black text looks on a background with the XYZ color 61.4411, 70.8422, 65.0792.

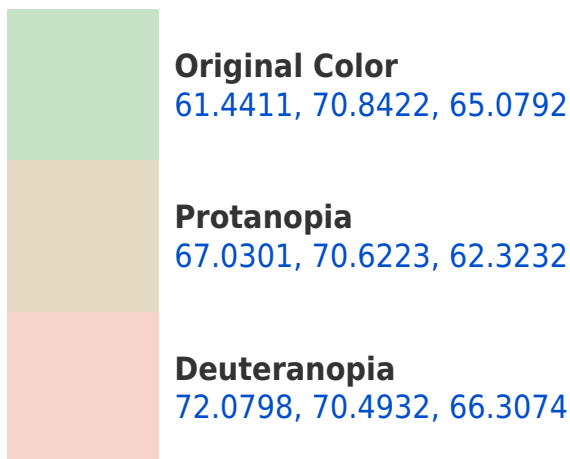


This preview shows how white text looks on a background with the XYZ color 61.4411, 70.8422,

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

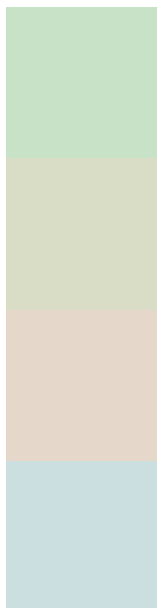




Tritanopia

66.7427, 71.0078, 91.0771

Trichromacy



Original Color

61.4411, 70.8422, 65.0792

Protanomaly

64.8479, 70.6495, 63.0422

Deuteranomaly

67.5296, 70.0340, 65.8358

Tritanomaly

64.7441, 70.9945, 80.8119

Monochromacy



Original Color

61.4411, 70.8422, 65.0792

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.5427, 69.0178, 70.9455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4411, 70.8422, 65.0792 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(200, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 226, 200) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 61.4411, 70.8422, 65.0792 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(200, 226, 200) }
```


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

```
.border{ border-color:rgb(200, 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(200, 226, 200)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 61.4411, 70.8422, 65.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(200,  
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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