

Converting Colors

XYZ(61.6992, 70.3027, 64.9612)

Have a look what the booklet for
XYZ(61.6992, 70.3027, 64.9612)
contains.

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Color

**XYZ(61.7096, 70.1779,
64.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE0C8
RGB	203, 224, 200
RGB Percent	80%, 88%, 78%
CMY	0.2039, 0.1215, 0.2157
CMYK	0.09, 0.00, 0.11, 0.12
HSL	113°, 28%, 83%
HSV	113°, 11%, 88%
XYZ	61.7096, 70.1779, 64.9368
YIQ	214.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

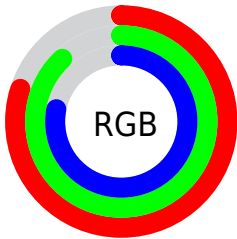
Format	Color
RYB	200, 224, 221
Decimal	13361352
CIELab	87.08, -11.37, 9.38
CIELCh	87, 14.745, 140.478
Yxy	70.1779, 0.3135, 0.3566
Android (android.graphics.Color)	4291551432 (0xFFCBE0C8)
YUV	214.9850, -7.3876, -10.5108
Hunter-Lab	83.7723, -15.1120, 12.6814

Details

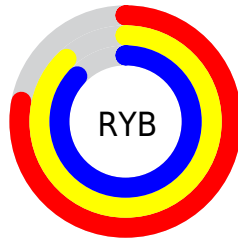
The XYZ color **61.7096, 70.1779, 64.9368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9302, 62.0644, 79.1347**, and the grayscale version is **64.6335, 67.9995, 74.0515**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7707, 36.8408, 32.6306** is the 20% darker color. If you saturate the color by 10%, you get **54.2767, 66.6288, 51.9098**, and if you desaturate by 10%, it is **70.2049, 74.2344, 80.0187**.

Distribution



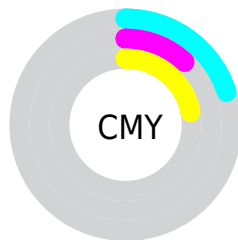
- Red (80%)
- Green (88%)
- Blue (78%)



- Red (78%)
- Yellow (88%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7096, 70.1779, 64.9368 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 61.7096, 70.1779, 64.9368 by changing the saturation by 10% instead.

■ 61.7096, 70.1779,
64.9368

■ 61.7096, 70.1779,
64.9368

420.6055,
461.1744, 460.8648

■ 45.0528, 51.6716,
46.9588

106.3980,
119.4624, 113.5714

■ 31.7005, 36.7434,
32.6490

135.1604,
151.0094, 145.0651

■ 21.2873, 25.0089,
21.5888

168.6886,
187.6721, 181.9011

■ 13.4478, 16.0836,
13.3596

207.3480,
229.8348, 224.4980

■ 7.8167, 9.5834,
7.5430

251.5041,
277.8820, 273.2742

■ 4.0287, 5.1236,
3.7204

301.5221,

■ 1.7184, 2.3200,

332.1981, 328.6484

1.4732

357.7675,
393.1674, 391.0391

■ 0.4677, 0.7842,
0.1979

■ 0.0000, 0.0000,
0.0000

■ 61.7096, 70.1779,
64.9368

■ 61.7096, 70.1779,
64.9368

■ 54.2767, 66.6288,
51.9098

■ 70.2049, 74.2344,
80.0187

■ 47.8588, 63.5585,
40.8444

■ 79.7961, 78.8078,
97.2341

■ 42.4131, 60.9491,
31.6469

■ 85.9470, 81.7940,
105.8657

■ 37.8921, 58.7782,
24.2144

■ 34.2437, 57.0216,
18.4338

■ 31.4109, 55.6525,
14.1789

■ 29.3296, 54.6410,
11.3055

■ 27.9259, 53.9527,
9.6417

■ 27.1357, 53.5608,
8.9081

Harmonies

Analogous

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



64.4057, 70.1779, 59.9443



61.7096, 70.1779, 64.9368



60.3649, 70.1779, 73.3086

Triad

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



61.7096, 70.1779, 64.9368



65.6094, 70.1779, 96.7444



73.1183, 70.1779, 69.9497

Complementary

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



61.7096, 70.1779, 64.9368



63.9302, 62.0644, 79.1347

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.



73.4678, 70.1779, 79.6014



61.7096, 70.1779, 64.9368



69.0522, 70.1779, 95.6487

Square

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



61.7096, 70.1779, 64.9368



62.5647, 70.1779, 92.0408



71.9566, 70.1779, 89.1648



71.0178, 70.1779, 62.6605

Rectangle

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



61.7096, 70.1779, 64.9368



60.3829, 70.1779, 79.9227



71.9566, 70.1779, 89.1648



73.4472, 70.1779, 73.0052

Sweetspot

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



61.7115, 70.1809, 64.9383



91.4226, 98.2695, 102.4286



66.9724, 71.6280, 64.9404



19.3655, 20.9370, 21.5631



0.0000, 0.0000, 0.0000



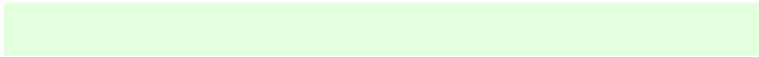
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7115, 70.1809, 64.9383



80.2865, 92.9535, 82.7121



61.9611, 70.1873, 70.4755



13.6872, 15.4189, 14.5615



15.8462, 31.2015, 5.1873



1.1512, 2.1900, 0.3620

Inverse Universe

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



63.9302, 62.0644, 79.1347



83.8636, 79.8656, 105.6033



63.6886, 62.0742, 73.0521



14.1176, 13.8442, 17.3158



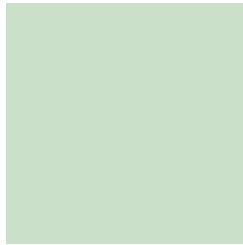
21.1504, 9.9988, 41.8636



1.5139, 0.7177, 2.9040

Previews

White Background



This preview shows how the XYZ color 61.7096, 70.1779, 64.9368 looks on a white background.

Color Contrast Check

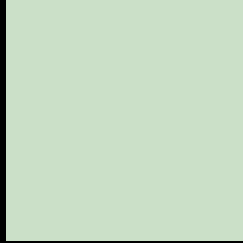
Large Text (above 18pt) WCAG AA × Fail

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 61.7096, 70.1779, 64.9368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

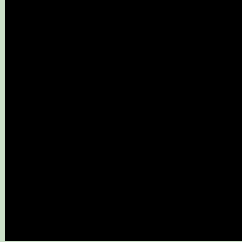
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

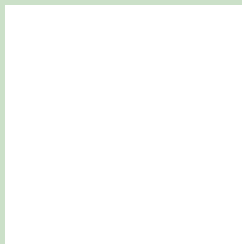
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7096, 70.1779, 64.9368

Background



This preview shows how black text looks on a background with the XYZ color 61.7096, 70.1779, 64.9368.

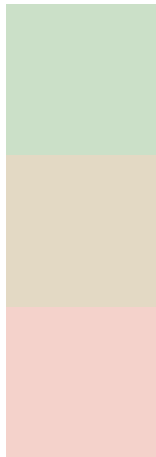


This preview shows how white text looks on a background with the XYZ color 61.7096, 70.1779,

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

61.7096, 70.1779, 64.9368

Protanopia

66.4552, 69.9421, 62.2222

Deuteranopia

71.1343, 69.6381, 66.1922



Tritanopia

66.7663, 70.2745, 89.4022

Trichromacy



Original Color

61.7096, 70.1779, 64.9368

Protanomaly

64.5847, 70.1230, 62.9544

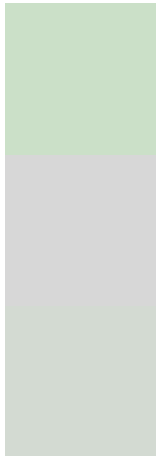
Deuteranomaly

67.2742, 69.5232, 65.7507

Tritanomaly

64.9079, 70.3060, 79.9614

Monochromacy



Original Color

61.7096, 70.1779, 64.9368

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.5682, 68.6448, 70.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7096, 70.1779, 64.9368 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(203, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(203, 224, 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(203, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 224, 200) }
```

Border

The CSS property to change the border of an element to XYZ 61.7096, 70.1779, 64.9368 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(203, 224, 200) }
```


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

```
.border{ border-color:rgb(203, 224, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 224, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 224,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7096, 70.1779, 64.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 224, 200) }
```

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

```
.background{ background-color: rgb(203,  
224, 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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