

Converting Colors

XYZ(61.0770, 71.1736, 63.4102)

Have a look what the booklet for
XYZ(61.0770, 71.1736, 63.4102)
contains.

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Color

**XYZ(61.1003, 71.1115,
63.3289)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E3C5
RGB	199, 227, 197
RGB Percent	78%, 89%, 77%
CMY	0.2196, 0.1098, 0.2274
CMYK	0.12, 0.00, 0.13, 0.11
HSL	116°, 35%, 83%
HSV	116°, 13%, 89%
XYZ	61.1003, 71.1115, 63.3289
YIQ	215.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

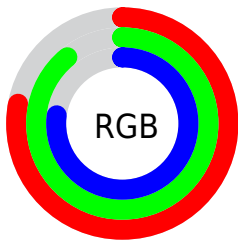
Format	Color
RYB	197, 227, 225
Decimal	13099973
CIELab	87.54, -14.77, 11.57
CIElCh	88, 18.758, 141.920
Yxy	71.1115, 0.3125, 0.3637
Android (android.graphics.Color)	4291290053 (0xFFC7E3C5)
YUV	215.2080, -8.9765, -14.2144
Hunter-Lab	84.3276, -18.2397, 14.5034

Details

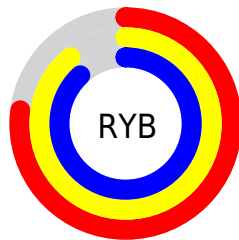
The XYZ color **61.1003, 71.1115, 63.3289** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.8856, 61.4881, 81.1253**, and the grayscale version is **64.7962, 68.1706, 74.2378**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **31.3875, 37.5080, 31.5721** is the 20% darker color. If you saturate the color by 10%, you get **53.4572, 67.4516, 50.4006**, and if you desaturate by 10%, it is **69.9218, 75.3377, 78.3600**.

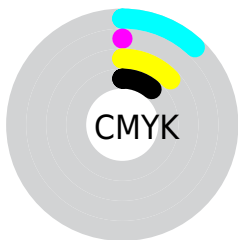
Distribution



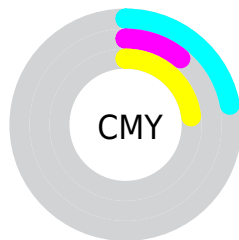
- Red (78%)
- Green (89%)
- Blue (77%)



- Red (77%)
- Yellow (89%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1003, 71.1115, 63.3289 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 61.1003, 71.1115, 63.3289 by changing the saturation by 10% instead.

■ 61.1003, 71.1115,
63.3289

■ 61.1003, 71.1115,
63.3289

418.4117,
464.4431, 454.9029

■ 44.5590, 52.4332,
45.6646

105.5214,
120.7925, 111.2340

■ 31.3100, 37.3505,
31.6345

134.1320,
152.5639, 142.3120

■ 20.9880, 25.4790,
20.8200

167.4962,
189.4686, 178.6982

■ 13.2276, 16.4343,
12.8025

205.9797,
231.8908, 220.8113

■ 7.6636, 9.8320,
7.1636

249.9476,
280.2149, 269.0698

■ 3.9304, 5.2877,
3.4846

299.7653,

■ 1.6628, 2.4170,

334.8254, 323.8922

1.3471

355.7982,
396.1067, 385.6970

■ 0.4328, 0.8346,
0.0999

■ 0.0000, 0.0000,
0.0000

■ 61.1003, 71.1115,
63.3289

■ 61.1003, 71.1115,
63.3289

■ 53.4572, 67.4516,
50.4006

■ 69.9218, 75.3377,
78.3600

■ 46.9370, 64.3254,
39.4768

■ 79.9625, 80.1431,
95.5767

■ 41.4886, 61.7106,
30.4588

■ 86.7605, 83.4210,
106.1368

■ 37.0544, 59.5799,
23.2373

■ 33.5717, 57.9036,
17.6922

■ 30.9705, 56.6486,
13.6885

■ 29.1714, 55.7772,
11.0706

■ 28.0805, 55.2451,
9.6503

■ 27.6696, 55.0436,
9.1661

Harmonies

Analogous

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



64.4574, 71.1115, 56.9204



61.1003, 71.1115, 63.3289



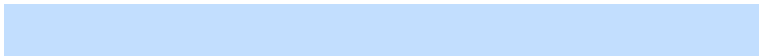
59.4976, 71.1115, 74.0480

Triad

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



61.1003, 71.1115, 63.3289



66.3985, 71.1115, 104.1954



75.8081, 71.1115, 68.6693

Complementary

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



61.1003, 71.1115, 63.3289



64.8856, 61.4881, 81.1253

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.



76.3833, 71.1115, 80.9100



61.1003, 71.1115, 63.3289



70.8211, 71.1115, 102.3509

Square

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



61.1003, 71.1115, 63.3289



62.4680, 71.1115, 98.2741



74.5223, 71.1115, 93.4790



72.9832, 71.1115, 59.7609

Rectangle

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



61.1003, 71.1115, 63.3289



59.5888, 71.1115, 82.5799



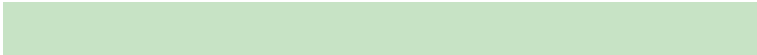
74.5223, 71.1115, 93.4790



76.2758, 71.1115, 72.4956

Sweetspot

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



61.1022, 71.1145, 63.3305



90.0347, 97.5992, 100.3194



68.6850, 74.2161, 63.5295



19.0754, 20.7966, 21.1381



0.0000, 0.0000, 0.0000



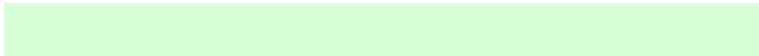
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1022, 71.1145, 63.3305



76.5143, 91.1245, 77.3084



62.1302, 71.4648, 71.4944



14.2778, 16.1348, 15.2663



16.1702, 32.1175, 5.3470



1.2264, 2.3896, 0.3966

Inverse Universe

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



64.8856, 61.4881, 81.1253



82.3940, 76.1624, 104.9659



63.7849, 61.1203, 72.0564



14.8953, 14.5638, 18.1704



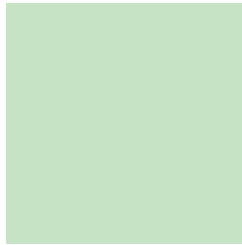
23.9392, 11.4070, 43.3232



1.7978, 0.8577, 3.2028

Previews

White Background



This preview shows how the XYZ color 61.1003, 71.1115, 63.3289 looks on a white background.

Color Contrast Check

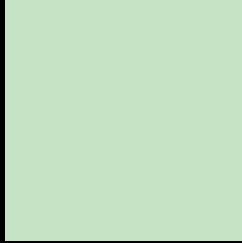
Large Text (above 18pt) WCAG AA × Fail

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 61.1003, 71.1115, 63.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

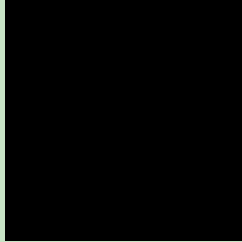
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

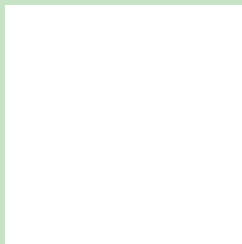
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1003, 71.1115, 63.3289

Background



This preview shows how black text looks on a background with the XYZ color 61.1003, 71.1115, 63.3289.



This preview shows how white text looks on a background with the XYZ color 61.1003, 71.1115,

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

61.1003, 71.1115, 63.3289

Protanopia

67.0101, 70.6511, 60.5573

Deuteranopia

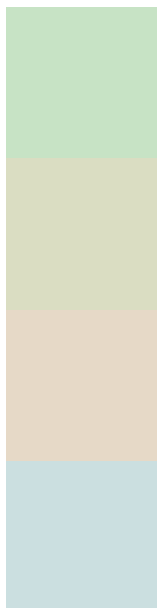
72.0774, 70.5328, 64.4589



Tritanopia

66.8900, 71.0667, 91.8531

Trichromacy



Original Color

61.1003, 71.1115, 63.3289

Protanomaly

64.5075, 70.5134, 61.2495

Deuteranomaly

67.7548, 70.5722, 64.0836

Tritanomaly

64.4708, 70.8537, 80.7992

Monochromacy



Original Color

61.1003, 71.1115, 63.3289

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.0112, 68.7724, 69.6279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1003, 71.1115, 63.3289 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(199, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 197)  
}
```

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(199, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 197) }
```

Border

The CSS property to change the border of an element to XYZ 61.1003, 71.1115, 63.3289 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(199, 227, 197) }
```


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

```
.border{ border-color:rgb(199, 227, 197) }
```

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

Here you see how a box with a 4 pixel rgb(199, 227, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 227, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 227, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 227,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1003, 71.1115, 63.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 197) }
```

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

```
.background{ background-color: rgb(199,  
227, 197) }
```

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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