

Converting Colors

XYZ(61.1108, 72.7063, 66.0712)

Have a look what the booklet for
XYZ(61.1108, 72.7063, 66.0712)
contains.

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Color

**XYZ(61.1108, 72.7063,
66.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E7C9
RGB	193, 231, 201
RGB Percent	76%, 91%, 79%
CMY	0.2431, 0.0941, 0.2118
CMYK	0.16, 0.00, 0.13, 0.09
HSL	133°, 44%, 83%
HSV	133°, 16%, 91%
XYZ	61.1108, 72.7063, 66.0712
YIQ	216.2180, -13.0180, -17.3860

Conversions

Conversions Part 2

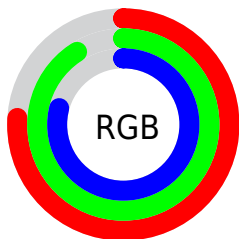
Format	Color
RYB	193, 224, 231
Decimal	12707785
CIELab	88.31, -18.05, 10.52
CIELCh	88, 20.893, 149.773
Yxy	72.7063, 0.3057, 0.3637
Android (android.graphics.Color)	4290897865 (0xFFC1E7C9)
YUV	216.2180, -7.5025, -20.3622
Hunter-Lab	85.2680, -21.2896, 13.7458

Details

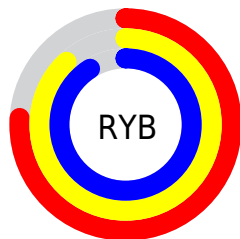
The XYZ color **61.1108, 72.7063, 66.0712** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.3467, 60.4582, 78.0406**, and the grayscale version is **65.4763, 68.8862, 75.0171**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.2439, 38.2555, 33.3411** is the 20% darker color. If you saturate the color by 10%, you get **53.6562, 69.0987, 55.1807**, and if you desaturate by 10%, it is **69.7440, 76.8961, 78.3496**.

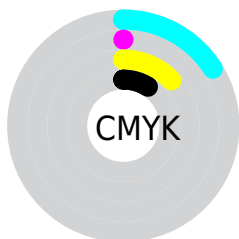
Distribution



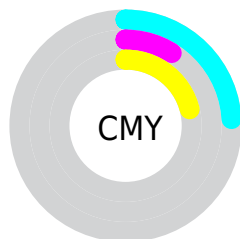
- Red (76%)
- Green (91%)
- Blue (79%)



- Red (76%)
- Yellow (88%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1108, 72.7063, 66.0712 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 61.1108, 72.7063, 66.0712 by changing the saturation by 10% instead.

61.1108, 72.7063,
66.0712

61.1108, 72.7063,
66.0712

418.4496,
469.9963, 465.0426

44.5675, 53.7358,
47.8734

105.5366,
123.0602, 115.2165

31.3167, 38.3905,
33.3673

134.1497,
155.2124, 147.0010

20.9931, 26.2859,
22.1346

167.5168,
192.5273, 184.1515

13.2314, 17.0377,
13.7566

206.0033,
235.3893, 227.0866

7.6662, 10.2613,
7.8147

249.9744,
284.1828, 276.2246

3.9321, 5.5726,
3.8906

299.7956,

1.6638, 2.5870,

339.2922, 331.9843

1.5655

355.8322,
401.1019, 394.7841

■ 0.4334, 0.9201,
0.2660

■ 0.0000, 0.0000,
0.0000

■ 61.1108, 72.7063,
66.0712

■ 61.1108, 72.7063,
66.0712

■ 53.6562, 69.0987,
55.1807

■ 69.7440, 76.8961,
78.3496

■ 47.3227, 66.0386,
45.6246

■ 79.5981, 81.6829,
92.0574

■ 42.0570, 63.5017,
37.3529

■ 87.8673, 85.6346,
106.5058

■ 37.7991, 61.4581,
30.3105

■ 34.4827, 59.8750,
24.4387

■ 32.0334, 58.7153,
19.6735

■ 30.3653, 57.9361,
15.9450

■ 29.3720, 57.4843,
13.1749

■ 29.1239, 57.3733,
12.4043

Harmonies

Analogous

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



64.4308, 72.7063, 57.5496



61.1108, 72.7063, 66.0712



59.9120, 72.7063, 79.0555

Triad

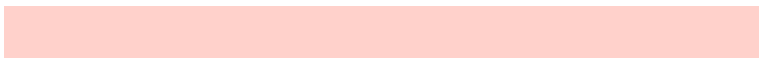
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.1108, 72.7063, 66.0712



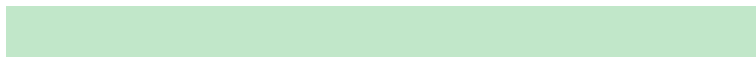
69.0670, 72.7063, 110.0851



77.8093, 72.7063, 66.2393

Complementary

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



61.1108, 72.7063, 66.0712



65.3467, 60.4582, 78.0406

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.



79.1937, 72.7063, 79.2743



61.1108, 72.7063, 66.0712



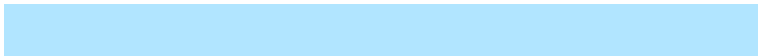
74.0003, 72.7063, 105.6100

Square

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



61.1108, 72.7063, 66.0712



64.3677, 72.7063, 105.4775



77.7680, 72.7063, 93.8832



74.0695, 72.7063, 57.6381

Rectangle

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



61.1108, 72.7063, 66.0712



60.4299, 72.7063, 88.8702



77.7680, 72.7063, 93.8832



78.5734, 72.7063, 70.1930

Sweetspot

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



61.1128, 72.7094, 66.0728



88.9352, 97.0301, 100.3748



68.7592, 76.7572, 61.6444



18.8586, 20.6824, 21.2357



0.0000, 0.0000, 0.0000



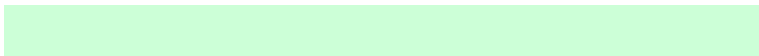
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1128, 72.7094, 66.0728



72.8937, 89.2501, 77.4977



63.4358, 73.6386, 78.3057



14.3128, 16.1386, 15.9122



16.3631, 32.1774, 7.1466



1.2427, 2.3912, 0.7047

Inverse Universe

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



65.3467, 60.4582, 78.0406



79.2020, 70.9934, 95.3265



62.9743, 59.5092, 65.5474



14.8583, 14.5605, 17.4543



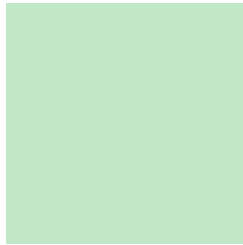
23.2770, 11.4450, 26.1512



1.7527, 0.8588, 2.1044

Previews

White Background



This preview shows how the XYZ color 61.1108, 72.7063, 66.0712 looks on a white background.

Color Contrast Check

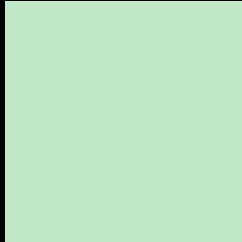
Large Text (above 18pt) WCAG AA × Fail

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 61.1108, 72.7063, 66.0712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

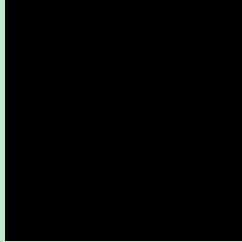
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

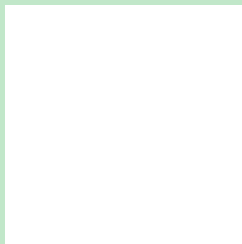
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1108, 72.7063, 66.0712

Background



This preview shows how black text looks on a background with the XYZ color 61.1108, 72.7063, 66.0712.



This preview shows how white text looks on a background with the XYZ color 61.1108, 72.7063,

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

61.1108, 72.7063, 66.0712

Protanopia

68.3985, 72.1155, 61.9444

Deuteranopia

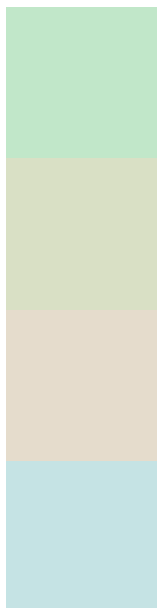
73.8806, 72.1360, 67.7873



Tritanopia

66.9223, 72.6009, 95.2802

Trichromacy



Original Color

61.1108, 72.7063, 66.0712

Protanomaly

65.3490, 72.0942, 63.2946

Deuteranomaly

68.8054, 72.2040, 67.4371

Tritanomaly

64.4986, 72.4099, 83.9759

Monochromacy



Original Color

61.1108, 72.7063, 66.0712

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.6267, 69.8259, 71.7523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1108, 72.7063, 66.0712 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(193, 231, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 231, 201)  
}
```

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(193, 231, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 231, 201) }
```

Border

The CSS property to change the border of an element to XYZ 61.1108, 72.7063, 66.0712 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(193, 231, 201) }
```


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

```
.border{ border-color:rgb(193, 231, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 231, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 231, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 231, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 231,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1108, 72.7063, 66.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 231, 201) }
```

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

```
.background{ background-color: rgb(193,  
231, 201) }
```

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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