

Converting Colors

XYZ(61.2680, 71.0954, 66.4801)

Have a look what the booklet for
XYZ(61.2680, 71.0954, 66.4801)
contains.

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Color

**XYZ(61.1557, 71.0728,
66.3723)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E3CA
RGB	197, 227, 202
RGB Percent	77%, 89%, 79%
CMY	0.2274, 0.1098, 0.2078
CMYK	0.13, 0.00, 0.11, 0.11
HSL	130°, 35%, 83%
HSV	130°, 13%, 89%
XYZ	61.1557, 71.0728, 66.3723
YIQ	215.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

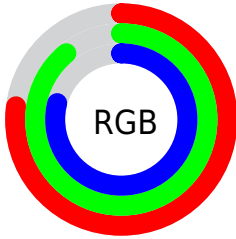
Format	Color
RYB	197, 223, 227
Decimal	12968906
CIELab	87.52, -14.55, 8.90
CIELCh	88, 17.062, 148.541
Yxy	71.0728, 0.3079, 0.3579
Android (android.graphics.Color)	4291158986 (0xFFC5E3CA)
YUV	215.1800, -6.4977, -15.9439
Hunter-Lab	84.3047, -18.0470, 12.3348

Details

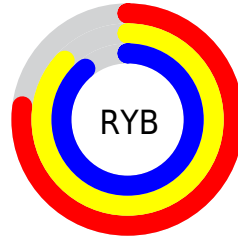
The XYZ color **61.1557, 71.0728, 66.3723** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.8321, 61.5390, 77.5717**, and the grayscale version is **64.7623, 68.1350, 74.1990**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.4255, 37.4828, 33.5956** is the 20% darker color. If you saturate the color by 10%, you get **53.5492, 67.3967, 55.0324**, and if you desaturate by 10%, it is **69.9358, 75.3263, 79.2034**.

Distribution



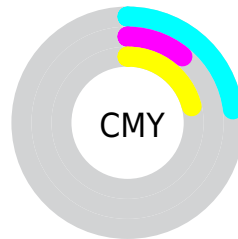
- Red (77%)
- Green (89%)
- Blue (79%)



- Red (77%)
- Yellow (87%)
- Blue (89%)



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



- Cyan (23%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1557, 71.0728, 66.3723 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 61.1557, 71.0728, 66.3723 by changing the saturation by 10% instead.

■ 61.1557, 71.0728,
66.3723

■ 61.1557, 71.0728,
66.3723

418.6115,
464.3079, 466.1477

■ 44.6039, 52.4016,
48.1163

105.6012,
120.7374, 115.6526

■ 31.3455, 37.3253,
33.5584

134.2255,
152.4996, 147.5140

■ 21.0152, 25.4594,
22.2799

167.6048,
189.3942, 184.7476

■ 13.2476, 16.4197,
13.8624

206.1042,
231.8057, 227.7720

■ 7.6774, 9.8216,
7.8874

250.0892,
280.1184, 277.0056

■ 3.9393, 5.2808,
3.9362

299.9252,

■ 1.6679, 2.4130,

334.7167, 332.8671

1.5904

355.9775,
395.9851, 395.7749

■ 0.4360, 0.8326,
0.2840

■ 0.0000, 0.0000,
0.0000

■ 61.1557, 71.0728,
66.3723

■ 61.1557, 71.0728,
66.3723

■ 53.5492, 67.3967,
55.0324

■ 69.9358, 75.3263,
79.2034

■ 47.0606, 64.2643,
45.1252

■ 79.9305, 80.1710,
93.5723

■ 41.6387, 61.6523,
36.5948

■ 86.7605, 83.4210,
106.1368

■ 37.2255, 59.5323,
29.3804

■ 33.7577, 57.8731,
23.4163

■ 31.1647, 56.6396,
18.6312

■ 29.3657, 55.7918,
14.9465

■ 28.2642, 55.2820,
12.2741

■ 27.8177, 55.0799,
10.9850

Harmonies

Analogous

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



63.9173, 71.0728, 59.4817



61.1557, 71.0728, 66.3723



60.0983, 71.0728, 76.8226

Triad

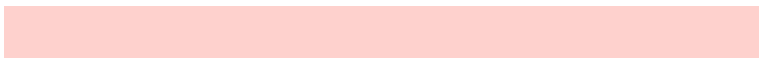
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.1557, 71.0728, 66.3723



67.3555, 71.0728, 101.7595



74.5912, 71.0728, 67.2595

Complementary

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



61.1557, 71.0728, 66.3723



64.8321, 61.5390, 77.5717

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.



75.5991, 71.0728, 77.9525



61.1557, 71.0728, 66.3723



71.3231, 71.0728, 98.5651

Square

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



61.1557, 71.0728, 66.3723



63.5886, 71.0728, 97.9027



74.3806, 71.0728, 89.5557



71.6779, 71.0728, 59.9570

Rectangle

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



61.1557, 71.0728, 66.3723



60.4688, 71.0728, 84.6600



74.3806, 71.0728, 89.5557



75.1690, 71.0728, 70.5415

Sweetspot

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



61.1577, 71.0758, 66.3739



90.0579, 97.5811, 101.6801



67.8277, 74.5816, 63.6449



19.0813, 20.7920, 21.4809



0.0000, 0.0000, 0.0000



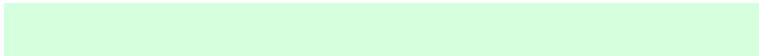
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1577, 71.0758, 66.3739



76.6011, 91.0667, 81.9468



62.9567, 71.7954, 75.8475



14.2868, 16.1282, 15.7752



16.2512, 32.1326, 6.5573



1.2304, 2.3863, 0.6398

Inverse Universe

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



64.8321, 61.5390, 77.5717



82.3116, 76.2442, 99.3482



62.9708, 60.7944, 67.7697



14.8865, 14.5718, 17.6029



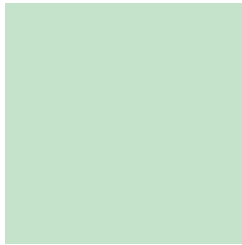
23.8800, 11.6862, 29.3266



1.7922, 0.8746, 2.3121

Previews

White Background



This preview shows how the XYZ color 61.1557, 71.0728, 66.3723 looks on a white background.

Color Contrast Check

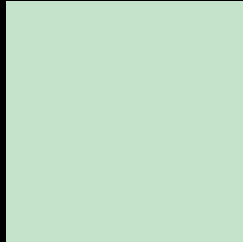
Large Text (above 18pt) WCAG AA × Fail

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 61.1557, 71.0728, 66.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

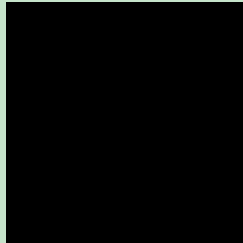
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

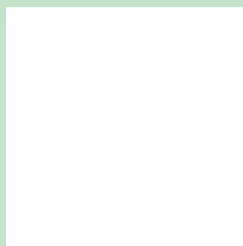
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1557, 71.0728, 66.3723

Background



This preview shows how black text looks on a background with the XYZ color 61.1557, 71.0728, 66.3723.



This preview shows how white text looks on a background with the XYZ color 61.1557, 71.0728,

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

61.1557, 71.0728, 66.3723

Protanopia

67.1444, 70.6680, 62.9247

Deuteranopia

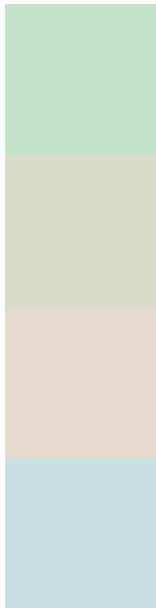
71.9699, 70.4088, 67.5546



Tritanopia

66.3299, 71.1711, 91.9028

Trichromacy



Original Color

61.1557, 71.0728, 66.3723

Protanomaly

64.7805, 70.5881, 64.2434

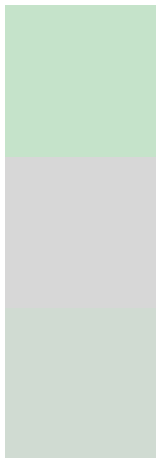
Deuteranomaly

67.7068, 70.4793, 67.1621

Tritanomaly

64.4705, 71.2198, 82.3003

Monochromacy



Original Color

61.1557, 71.0728, 66.3723

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.9768, 68.7261, 70.9190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1557, 71.0728, 66.3723 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(197, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 227, 202)  
}
```

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(197, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 227, 202) }
```

Border

The CSS property to change the border of an element to XYZ 61.1557, 71.0728, 66.3723 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(197, 227, 202) }
```


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

```
.border{ border-color:rgb(197, 227, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 227, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 227,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1557, 71.0728, 66.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 227, 202) }
```

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

```
.background{ background-color: rgb(197,  
227, 202) }
```

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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