

Converting Colors

XYZ(59.1072, 69.9892, 67.5207)

Have a look what the booklet for
XYZ(59.1072, 69.9892, 67.5207)
contains.

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Color

**XYZ(59.1072, 69.9892,
67.5207)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | BCE3CC |
| RGB | 188, 227, 204 |
| RGB Percent | 74%, 89%, 80% |
| CMY | 0.2627, 0.1098, 0.2000 |
| CMYK | 0.17, 0.00, 0.10, 0.11 |
| HSL | 145°, 41%, 81% |
| HSV | 145°, 17%, 89% |
| XYZ | 59.1072, 69.9892, 67.5207 |
| YIQ | 212.7170, -15.8610, -15.4210 |

Conversions

Conversions Part 2

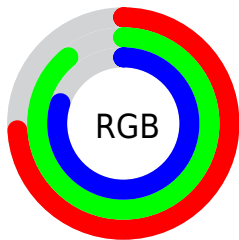
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 188, 216, 227 |
| Decimal | 12379084 |
| CIELab | 86.99, -17.15, 7.02 |
| CIELCh | 87, 18.530, 157.738 |
| Yxy | 69.9892, 0.3006, 0.3560 |
| Android (android.graphics.Color) | 4290569164 (0xFFBCE3CC) |
| YUV | 212.7170, -4.2975, -21.6768 |
| Hunter-Lab | 83.6595, -20.2903, 10.7094 |

Details

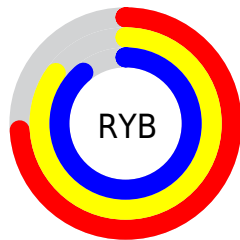
The XYZ color **59.1072, 69.9892, 67.5207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.4221, 57.0022, 69.3964**, and the grayscale version is **63.0938, 66.3796, 72.2873**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **30.0891, 36.7754, 34.3667** is the 20% darker color. If you saturate the color by 10%, you get **52.4117, 66.7171, 59.1828**, and if you desaturate by 10%, it is **66.8243, 73.7759, 76.6300**.

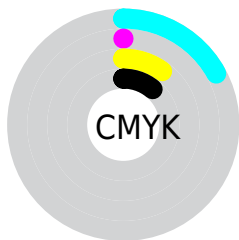
Distribution



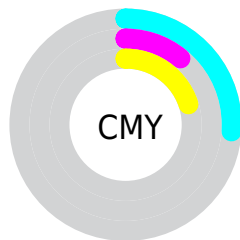
- Red (74%)
- Green (89%)
- Blue (80%)



- Red (74%)
- Yellow (85%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (26%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1072, 69.9892, 67.5207 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 59.1072, 69.9892, 67.5207 by changing the saturation by 10% instead.

■ 59.1072, 69.9892,
67.5207

■ 59.1072, 69.9892,
67.5207

411.1867,
460.5121, 470.3478

■ 42.9461, 51.5177,
49.0437

■ 102.6472,
119.1934, 117.3139

■ 30.0372, 36.6208,
34.2883

130.7568,
150.6948, 149.4672

■ 20.0150, 24.9140,
22.8360

163.5800,
187.3084, 187.0163

■ 12.5143, 16.0130,
14.2683

201.4821,
229.4185, 230.3797

■ 7.1696, 9.5334,
8.1666

244.8285,
277.4096, 279.9760

■ 3.6157, 5.0907,
4.1125

293.9844,

■ 1.4871, 2.3006,

331.6659, 336.2238

1.6872

349.3154,
392.5719, 399.5416

■ 0.3170, 0.7740,
0.3520

■ 0.0000, 0.0000,
0.0000

■ 59.1072, 69.9892,
67.5207

■ 59.1072, 69.9892,
67.5207

■ 52.4117, 66.7171,
59.1828

■ 66.8243, 73.7759,
76.6300

■ 46.6874, 63.9282,
51.5915

■ 75.5988, 78.0893,
86.5253

■ 41.8884, 61.6012,
44.7274

■ 85.0648, 82.7426,
97.2079

■ 37.9627, 59.7097,
38.5683

■ 86.7604, 83.4209,
106.1368

■ 34.8528, 58.2245,
33.0913

■ 32.4937, 57.1126,
28.2716

■ 30.8099, 56.3355,
24.0831

■ 29.7033, 55.8433,
20.4972

■ 29.4517, 55.7334,
19.5899

Harmonies

Analogous

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



61.5532, 69.9892, 58.8536



59.1072, 69.9892, 67.5207



58.6048, 69.9892, 79.4639

Triad

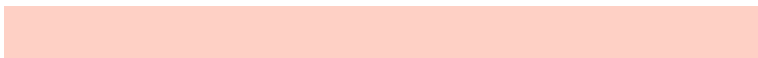
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1072, 69.9892, 67.5207



67.6506, 69.9892, 102.3754



73.3303, 69.9892, 62.5171

Complementary

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



59.1072, 69.9892, 67.5207



61.4221, 57.0022, 69.3964

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.



75.1233, 69.9892, 73.0390



59.1072, 69.9892, 67.5207



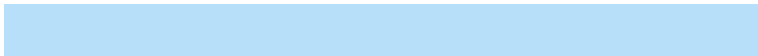
71.7526, 69.9892, 96.6731

Square

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



59.1072, 69.9892, 67.5207



63.4164, 69.9892, 100.4865



74.5337, 69.9892, 85.6066



69.7287, 69.9892, 56.1908

Rectangle

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



59.1072, 69.9892, 67.5207



59.4186, 69.9892, 87.8584



74.5337, 69.9892, 85.6066



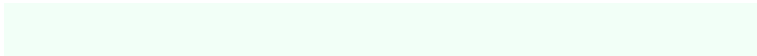
74.1715, 69.9892, 65.6330

Sweetspot

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



59.1091, 69.9921, 67.5223



89.3266, 97.1866, 102.4357



63.5274, 72.4803, 58.2197



18.9535, 20.7203, 21.7355



0.0000, 0.0000, 0.0000



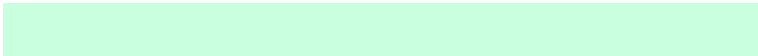
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1091, 69.9921, 67.5223



73.3442, 89.3502, 83.4882



61.5432, 70.9658, 80.3401



14.4332, 16.1867, 16.5461



17.2301, 32.5242, 11.7122



1.3185, 2.4215, 1.1036

Inverse Universe

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



61.4221, 57.0022, 69.3964



76.9443, 69.1285, 86.4029



59.1672, 56.1002, 57.5222



14.7318, 14.5099, 16.7883



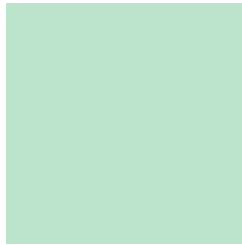
21.0390, 10.5498, 14.3663



1.6006, 0.7979, 1.3032

Previews

White Background



This preview shows how the XYZ color 59.1072, 69.9892, 67.5207 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 59.1072, 69.9892, 67.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

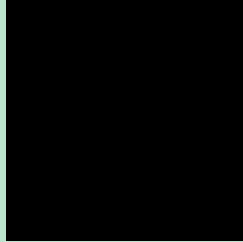
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

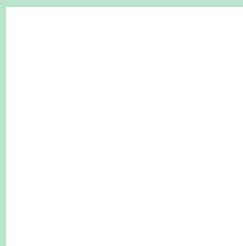
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1072, 69.9892, 67.5207

Background



This preview shows how black text looks on a background with the XYZ color 59.1072, 69.9892, 67.5207.



This preview shows how white text looks on a background with the XYZ color 59.1072, 69.9892,

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

59.1072, 69.9892, 67.5207

Protanopia

66.3699, 69.8717, 63.4146

Deuteranopia

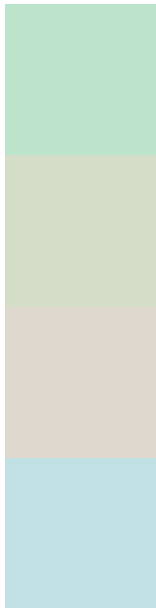
70.9270, 69.4754, 68.7033



Tritanopia

64.0976, 70.0032, 92.5717

Trichromacy



Original Color

59.1072, 69.9892, 67.5207

Protanomaly

63.4332, 69.8801, 64.7885

Deuteranomaly

65.8206, 69.0976, 68.2606

Tritanomaly

62.2590, 70.0638, 82.9153

Monochromacy



Original Color

59.1072, 69.9892, 67.5207

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.6061, 67.6333, 70.7803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1072, 69.9892, 67.5207 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(188, 227, 204)` looks like.

```
.text, #text, p{  
    color:rgb(188, 227, 204)  
}
```

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(188, 227, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 227, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.1072, 69.9892, 67.5207 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(188, 227, 204) }
```


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

```
.border{ border-color:rgb(188, 227, 204) }
```

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

Here you see how a box with a 4 pixel rgb(188, 227, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 227, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 227, 204);  
box-shadow:4px 4px 4px 4px rgb(188, 227,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1072, 69.9892, 67.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 227, 204) }
```

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

```
.background{ background-color: rgb(188,  
227, 204) }
```

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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