

Converting Colors

XYZ(59.5749, 70.1743, 69.1485)

Have a look what the booklet for
XYZ(59.5749, 70.1743, 69.1485)
contains.

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Color

**XYZ(59.7178, 70.2620,
69.4459)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE3CF
RGB	189, 227, 207
RGB Percent	74%, 89%, 81%
CMY	0.2588, 0.1098, 0.1882
CMYK	0.17, 0.00, 0.09, 0.11
HSL	148°, 40%, 82%
HSV	148°, 17%, 89%
XYZ	59.7178, 70.2620, 69.4459
YIQ	213.3580, -16.2280, -14.2760

Conversions

Conversions Part 2

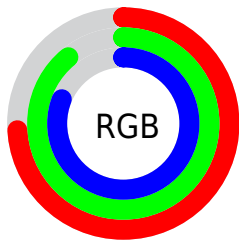
Format	Color
RYB	189, 215, 227
Decimal	12444623
CIELab	87.13, -16.26, 5.64
CIELCh	87, 17.213, 160.856
Yxy	70.2620, 0.2994, 0.3523
Android (android.graphics.Color)	4290634703 (0xFFBDE3CF)
YUV	213.3580, -3.1345, -21.3620
Hunter-Lab	83.8224, -19.5201, 9.5546

Details

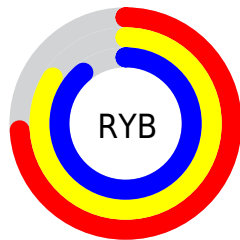
The XYZ color **59.7178, 70.2620, 69.4459** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.3872, 57.3312, 68.1553**, and the grayscale version is **63.5152, 66.8229, 72.7702**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.4940, 36.9559, 35.6630** is the 20% darker color. If you saturate the color by 10%, you get **53.1158, 67.0230, 61.7985**, and if you desaturate by 10%, it is **67.3156, 74.0055, 77.7200**.

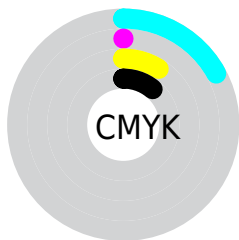
Distribution



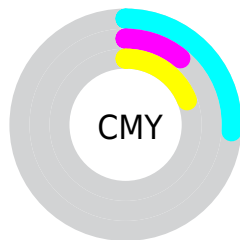
- Red (74%)
- Green (89%)
- Blue (81%)



- Red (74%)
- Yellow (84%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (26%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7178, 70.2620, 69.4459 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 59.7178, 70.2620, 69.4459 by changing the saturation by 10% instead.

■ 59.7178, 70.2620,
69.4459

■ 59.7178, 70.2620,
69.4459

413.4082,
461.4694, 477.3385

■ 43.4398, 51.7402,
50.6009

■ 103.5289,
119.5823, 120.0919

■ 30.4264, 36.7980,
35.5166

131.7927,
151.1496, 152.7301

■ 20.3121, 25.0511,
23.7743

164.7824,
187.8341, 190.8030

■ 12.7317, 16.1152,
14.9557

202.8635,
230.0203, 234.7292

■ 7.3198, 9.6057,
8.6420

246.4013,
278.0925, 284.9274

■ 3.7110, 5.1383,
4.4148


295.7611,

■ 1.5400, 2.3286,


332.4351, 341.8160


1.8556


351.3083,
393.4327, 405.8135


 0.3528, 0.7888,
0.4642


 0.0000, 0.0000,
0.0000


 59.7178, 70.2620,
69.4459


 59.7178, 70.2620,
69.4459


 53.1158, 67.0230,
61.7985


 67.3156, 74.0055,
77.7200


 47.4605, 64.2575,
54.7584

 75.9439, 78.2653,
86.6303

 42.7072, 61.9448,
48.3118

 84.8650, 82.6627,
96.1557

 38.8050, 60.0591,
42.4427

 86.7276, 83.4077,
105.9637

■ 35.6981, 58.5717,
37.1344

■ 86.7604, 83.4209,
106.1368

■ 33.3231, 57.4503,
32.3692

■ 31.6066, 56.6575,
28.1281

■ 30.4551, 56.1454,
24.3906

■ 30.1517, 56.0134,
23.2762

Harmonies

Analogous

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



61.8344, 70.2620, 60.8989



59.7178, 70.2620, 69.4459



59.4489, 70.2620, 80.7648

Triad

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



59.7178, 70.2620, 69.4459



68.2538, 70.2620, 100.4644



72.8233, 70.2620, 62.8700

Complementary

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



59.7178, 70.2620, 69.4459



61.3872, 57.3312, 68.1553

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.



74.6945, 70.2620, 72.3946



59.7178, 70.2620, 69.4459



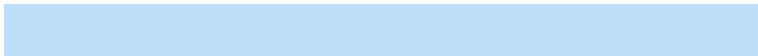
71.9865, 70.2620, 94.5688

Square

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



59.7178, 70.2620, 69.4459



64.2699, 70.2620, 99.4711



74.3823, 70.2620, 84.0235



69.3586, 70.2620, 57.3748

Rectangle

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



59.7178, 70.2620, 69.4459



60.3409, 70.2620, 88.4739



74.3823, 70.2620, 84.0235



73.6657, 70.2620, 65.6644

Sweetspot

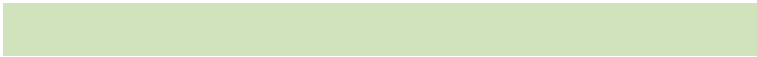
The Sweet Spot groups the original color and five complimentary colors.



59.7198, 70.2650, 69.4475



89.4520, 97.2368, 103.0961



63.0269, 72.2098, 58.7610



18.9839, 20.7325, 21.8959



0.0000, 0.0000, 0.0000



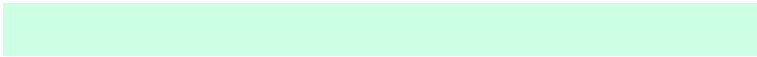
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7198, 70.2650, 69.4475



74.6871, 89.9675, 86.9413



62.1486, 71.2365, 82.2377



14.4721, 16.2023, 16.7509



17.6418, 32.6888, 13.8798



1.3503, 2.4343, 1.2714

Inverse Universe

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



61.3872, 57.3312, 68.1553



77.2347, 70.2064, 84.9664



59.2016, 56.4570, 56.6461



14.6924, 14.4941, 16.5803



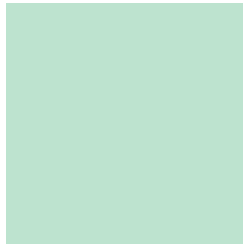
20.4934, 10.3316, 11.4930



1.5613, 0.7822, 1.0962

Previews

White Background



This preview shows how the XYZ color 59.7178, 70.2620, 69.4459 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 59.7178, 70.2620, 69.4459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

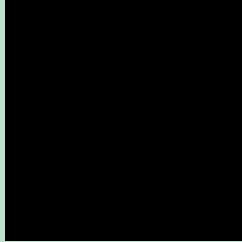
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

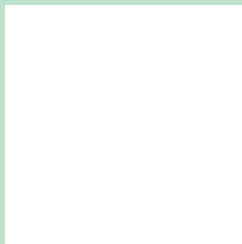
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7178, 70.2620, 69.4459

Background



This preview shows how black text looks on a background with the XYZ color 59.7178, 70.2620, 69.4459.



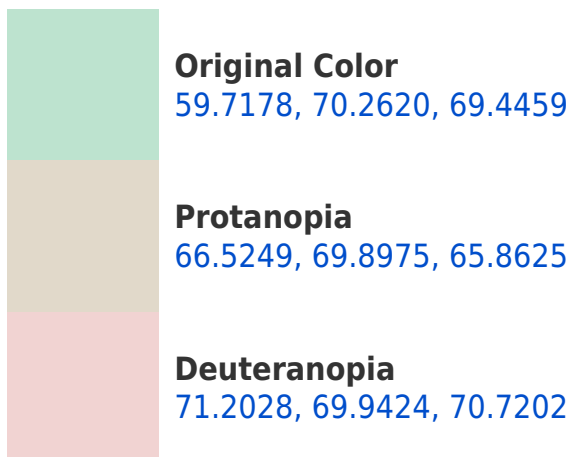
This preview shows how white text looks on a background with the XYZ color 59.7178, 70.2620,

69.4459.

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





Tritanopia

64.3551, 70.1359, 92.5838

Trichromacy



Original Color

59.7178, 70.2620, 69.4459

Protanomaly

63.9069, 70.0696, 67.2833

Deuteranomaly

66.4457, 69.7588, 70.2843

Tritanomaly

62.6516, 70.2502, 83.6563

Monochromacy



Original Color

59.7178, 70.2620, 69.4459

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.7311, 67.6833, 71.4386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7178, 70.2620, 69.4459 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(189, 227, 207)` looks like.

```
.text, #text, p{  
    color:rgb(189, 227, 207)  
}
```

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(189, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 227, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.7178, 70.2620, 69.4459 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(189, 227, 207) }
```


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

```
.border{ border-color:rgb(189, 227, 207) }
```

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

Here you see how a box with a 4 pixel rgb(189, 227, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(189, 227,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7178, 70.2620, 69.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 227, 207) }
```

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

```
.background{ background-color: rgb(189,  
227, 207) }
```

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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