

Converting Colors

XYZ(59.5516, 68.4012, 69.9294)

Have a look what the booklet for
XYZ(59.5516, 68.4012, 69.9294)
contains.

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Color

**XYZ(59.5111, 68.5359,
69.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DFD0
RGB	192, 223, 208
RGB Percent	75%, 87%, 82%
CMY	0.2471, 0.1255, 0.1843
CMYK	0.14, 0.00, 0.07, 0.13
HSL	151°, 33%, 81%
HSV	151°, 14%, 87%
XYZ	59.5111, 68.5359, 69.7667
YIQ	212.0210, -13.6610, -11.2370

Conversions

Conversions Part 2

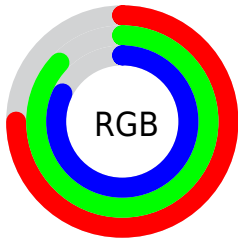
Format	Color
RYB	192, 212, 223
Decimal	12640208
CIELab	86.27, -13.09, 3.91
CIELCh	86, 13.657, 163.355
Yxy	68.5359, 0.3008, 0.3465
Android (android.graphics.Color)	4290830288 (0xFFC0DFD0)
YUV	212.0210, -1.9824, -17.5584
Hunter-Lab	82.7864, -16.5613, 7.9849

Details

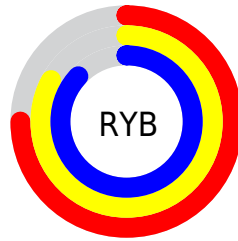
The XYZ color **59.5111, 68.5359, 69.7667** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.5460, 57.8940, 67.0182**, and the grayscale version is **62.6141, 65.8749, 71.7378**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.3166, 35.7416, 35.8728** is the 20% darker color. If you saturate the color by 10%, you get **53.0041, 65.3316, 62.7661**, and if you desaturate by 10%, it is **66.9678, 72.2232, 77.2862**.

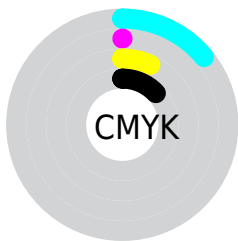
Distribution



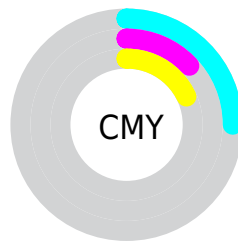
- Red (75%)
- Green (87%)
- Blue (82%)



- Red (75%)
- Yellow (83%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5111, 68.5359, 69.7667 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 59.5111, 68.5359, 69.7667 by changing the saturation by 10% instead.

■ 59.5111, 68.5359,
69.7667

■ 59.5111, 68.5359,
69.7667

412.6570,
455.3924, 478.4974

■ 43.2726, 50.3338,
50.8607

■ 103.2305,
117.1185, 120.5540

■ 30.2945, 35.6787,
35.7218

131.4422,
148.2677, 153.2724

■ 20.2114, 24.1862,
23.9314

164.3756,
184.5016, 191.4320

■ 12.6580, 15.4718,
15.0710

202.3962,
226.2043, 235.4514

■ 7.2688, 9.1512,
8.7221

245.8693,
273.7604, 285.7491

■ 3.6786, 4.8399,
4.4660

295.1602,

■ 1.5220, 2.1536,

327.5541, 342.7436

1.8843

350.6343,
387.9700, 406.8536

■ 0.3407, 0.6945,
0.4827

■ 0.0000, 0.0000,
0.0000

■ 59.5111, 68.5359,
69.7667

■ 59.5111, 68.5359,
69.7667

■ 53.0041, 65.3316,
62.7661

■ 66.9678, 72.2232,
77.2862

■ 47.4011, 62.5811,
56.2688

■ 75.4063, 76.4040,
85.3310

■ 42.6606, 60.2653,
50.2646

■ 83.4132, 80.3516,
93.8451

■ 38.7360, 58.3603,
44.7415

■ 85.0682, 81.0136,
102.5600

■ 35.5759, 56.8397,
39.6867

■ 85.6790, 81.2579,
105.7763

■ 33.1224, 55.6742,
35.0869

■ 31.3093, 54.8297,
30.9279

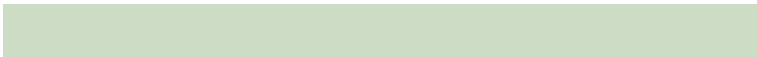
■ 30.0562, 54.2650,
27.1946

■ 29.4885, 54.0177,
25.1182

Harmonies

Analogous

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



61.0726, 68.5359, 62.7130



59.5111, 68.5359, 69.7667



59.4264, 68.5359, 78.7012

Triad

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



59.5111, 68.5359, 69.7667



66.5498, 68.5359, 92.7976



69.6434, 68.5359, 63.3419

Complementary

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



59.5111, 68.5359, 69.7667



60.5460, 57.8940, 67.0182

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.



71.2113, 68.5359, 70.6900



59.5111, 68.5359, 69.7667



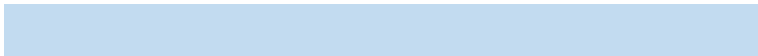
69.3868, 68.5359, 87.9549

Square

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



59.5111, 68.5359, 69.7667



63.4225, 68.5359, 92.5000



71.1159, 68.5359, 79.7016



66.8909, 68.5359, 59.2135

Rectangle

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



59.5111, 68.5359, 69.7667



60.2140, 68.5359, 84.5693



71.1159, 68.5359, 79.7016



70.3304, 68.5359, 65.4905

Sweetspot

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



59.5130, 68.5388, 69.7682



90.6118, 97.8027, 104.5971



61.7766, 69.9218, 60.1105



19.2212, 20.8480, 22.2177



0.0000, 0.0000, 0.0000



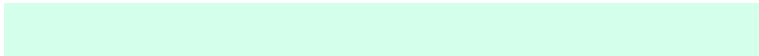
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5130, 68.5388, 69.7682



77.6650, 91.4069, 91.4082



61.4476, 69.3126, 79.9555



13.8226, 15.4548, 16.1012



17.3954, 31.7830, 15.0710



1.2510, 2.2211, 1.2827

Inverse Universe

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



60.5460, 57.8940, 67.0182



79.3510, 74.0341, 86.9204



58.7976, 57.1947, 57.8109



13.9822, 13.8105, 15.6764



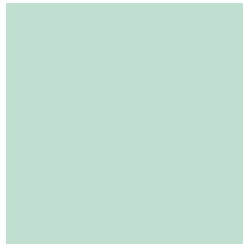
19.5387, 9.8825, 9.5026



1.3994, 0.7030, 0.8962

Previews

White Background



This preview shows how the XYZ color 59.5111, 68.5359, 69.7667 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 59.5111, 68.5359, 69.7667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

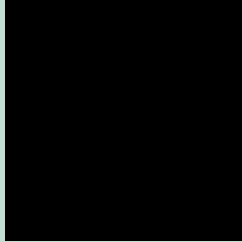
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

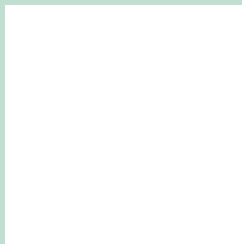
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5111, 68.5359, 69.7667

Background



This preview shows how black text looks on a background with the XYZ color 59.5111, 68.5359, 69.7667.

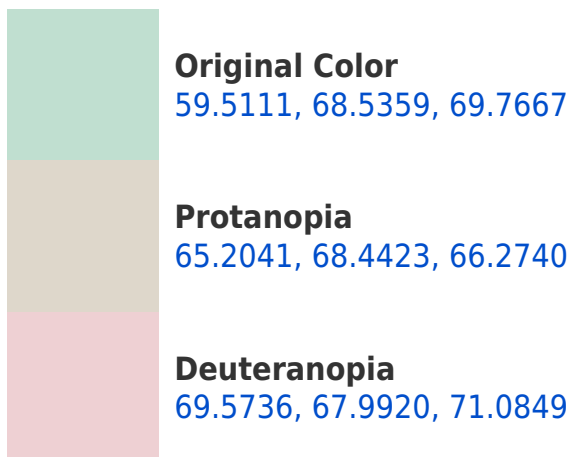


This preview shows how white text looks on a background with the XYZ color 59.5111, 68.5359,

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

63.4978, 68.5895, 89.2493

Trichromacy



Original Color

59.5111, 68.5359, 69.7667

Protanomaly

62.9548, 68.3995, 67.6420

Deuteranomaly

65.2459, 67.6138, 70.5847

Tritanomaly

61.8263, 68.2795, 81.8722

Monochromacy



Original Color

59.5111, 68.5359, 69.7667

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4906, 66.7940, 71.2797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5111, 68.5359, 69.7667 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(192, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(192, 223, 208)  
}
```

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(192, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 223, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.5111, 68.5359, 69.7667 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(192, 223, 208) }
```


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

```
.border{ border-color:rgb(192, 223, 208) }
```

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

Here you see how a box with a 4 pixel rgb(192, 223, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(192, 223,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5111, 68.5359, 69.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 223, 208) }
```

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

```
.background{ background-color: rgb(192,  
223, 208) }
```

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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