

Converting Colors

XYZ(59.8489, 68.4493, 65.3906)

Have a look what the booklet for
XYZ(59.8489, 68.4493, 65.3906)
contains.

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Color

**XYZ(59.6898, 68.3299,
65.3013)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DEC9
RGB	197, 222, 201
RGB Percent	77%, 87%, 79%
CMY	0.2274, 0.1294, 0.2118
CMYK	0.11, 0.00, 0.09, 0.13
HSL	130°, 27%, 82%
HSV	130°, 11%, 87%
XYZ	59.6898, 68.3299, 65.3013
YIQ	212.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

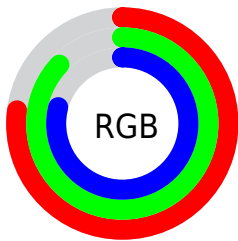
Format	Color
RYB	197, 219, 222
Decimal	12967625
CIELab	86.17, -12.22, 7.50
CIELCh	86, 14.331, 148.467
Yxy	68.3299, 0.3088, 0.3535
Android (android.graphics.Color)	4291157705 (0xFFC5DEC9)
YUV	212.1310, -5.4876, -13.2699
Hunter-Lab	82.6619, -15.7643, 11.0254

Details

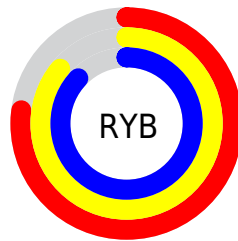
The XYZ color **59.6898, 68.3299, 65.3013** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7478, 60.5256, 74.7083**, and the grayscale version is **62.7072, 65.9728, 71.8444**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.4129, 35.5837, 32.8692** is the 20% darker color. If you saturate the color by 10%, you get **52.2371, 64.7281, 54.1881**, and if you desaturate by 10%, it is **68.2687, 72.4854, 77.8604**.

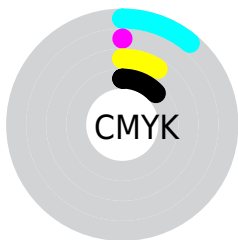
Distribution



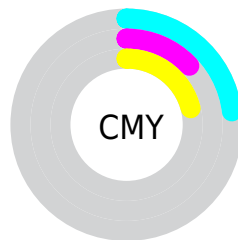
- Red (77%)
- Green (87%)
- Blue (79%)



- Red (77%)
- Yellow (86%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6898, 68.3299, 65.3013 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 59.6898, 68.3299, 65.3013 by changing the saturation by 10% instead.

■ 59.6898, 68.3299,
65.3013

■ 59.6898, 68.3299,
65.3013

413.3065,
454.6640, 462.2097

■ 43.4172, 50.1662,
47.2525

103.4885,
116.8240, 114.1003

■ 30.4085, 35.5454,
32.8796

131.7452,
147.9231, 145.6877

■ 20.2985, 24.0833,
21.7638

164.7273,
184.1028, 182.6250

■ 12.7217, 15.3955,
13.4868

202.8002,
225.7475, 225.3308

■ 7.3129, 9.0974,
7.6300

246.3292,
273.2416, 274.2237

■ 3.7066, 4.8048,
3.7747

295.6797,

■ 1.5375, 2.1332,

326.9694, 329.7221

1.5026

351.2170,
387.3154, 392.2446

■ 0.3511, 0.6832,
0.2199

■ 0.0000, 0.0000,
0.0000

■ 59.6898, 68.3299,
65.3013

■ 59.6898, 68.3299,
65.3013

■ 52.2371, 64.7281,
54.1881

■ 68.2687, 72.4854,
77.8604

■ 45.8583, 61.6483,
44.4645

■ 78.0123, 77.2075,
91.9101

■ 40.5051, 59.0688,
36.0772

■ 85.4126, 80.7252,
105.6875

■ 36.1234, 56.9627,
28.9677

■ 32.6542, 55.3012,
23.0732

■ 30.0317, 54.0516,
18.3256

■ 28.1812, 53.1771,
14.6499

■ 27.0146, 52.6339,
11.9623

■ 26.4337, 52.3697,
10.3460

Harmonies

Analogous

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



61.9699, 68.3299, 59.5511



59.6898, 68.3299, 65.3013



58.8113, 68.3299, 73.9150

Triad

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



59.6898, 68.3299, 65.3013



64.7761, 68.3299, 94.0680



70.6803, 68.3299, 66.0755

Complementary

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



59.6898, 68.3299, 65.3013



62.7478, 60.5256, 74.7083

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.



71.4921, 68.3299, 74.8864



59.6898, 68.3299, 65.3013



68.0149, 68.3299, 91.5316

Square

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



59.6898, 68.3299, 65.3013



61.6857, 68.3299, 90.9750



70.5010, 68.3299, 84.3061



68.3182, 68.3299, 59.9708

Rectangle

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



59.6898, 68.3299, 65.3013



59.1153, 68.3299, 80.3011



70.5010, 68.3299, 84.3061



71.1470, 68.3299, 68.7946

Sweetspot

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



59.6917, 68.3328, 65.3028



91.2738, 98.1708, 103.4127



65.1904, 71.2212, 63.1352



19.3256, 20.9105, 21.8274



0.0000, 0.0000, 0.0000



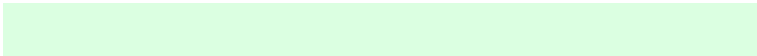
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6917, 68.3328, 65.3028



78.6560, 92.0635, 84.8670



61.1914, 68.9327, 73.1999



13.6178, 15.3728, 15.0224



15.7269, 31.1156, 6.2851



1.1179, 2.1679, 0.5821

Inverse Universe

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



62.7478, 60.5256, 74.7083



83.7938, 78.9373, 100.6785



61.2028, 59.9077, 66.5726



14.1959, 13.8960, 16.8017



23.2226, 11.3561, 28.9018



1.6352, 0.7974, 2.1381

Previews

White Background



This preview shows how the XYZ color 59.6898, 68.3299, 65.3013 looks on a white background.

Color Contrast Check

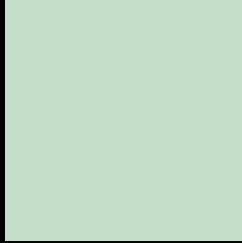
Large Text (above 18pt) WCAG AA × Fail

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 59.6898, 68.3299, 65.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

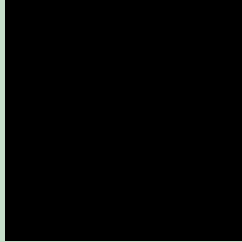
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

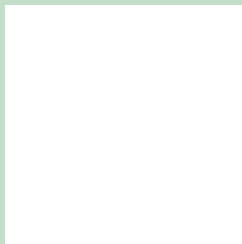
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6898, 68.3299, 65.3013

Background



This preview shows how black text looks on a background with the XYZ color 59.6898, 68.3299, 65.3013.

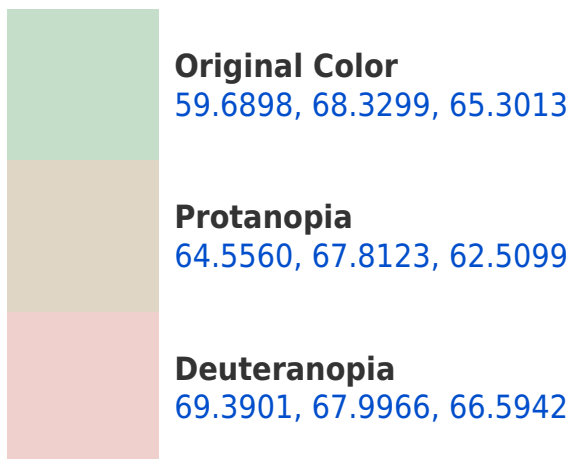


This preview shows how white text looks on a background with the XYZ color 59.6898, 68.3299,

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

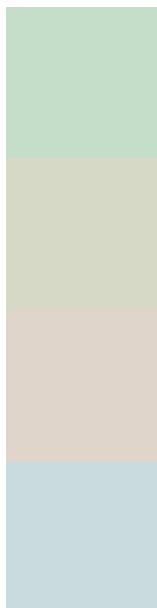




Tritanopia

64.2927, 68.2627, 87.6293

Trichromacy



Original Color

59.6898, 68.3299, 65.3013

Protanomaly

62.7375, 67.9991, 63.2446

Deuteranomaly

65.3142, 67.7476, 66.1341

Tritanomaly

62.6037, 68.3545, 79.0014

Monochromacy



Original Color

59.6898, 68.3299, 65.3013

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6732, 66.9312, 69.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6898, 68.3299, 65.3013 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, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 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(197, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.6898, 68.3299, 65.3013 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, 222, 201) }
```


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

```
.border{ border-color:rgb(197, 222, 201) }
```

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

Here you see how a box with a 4 pixel rgb(197, 222, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(197, 222,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6898, 68.3299, 65.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 201) }
```

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

```
.background{ background-color: rgb(197,  
222, 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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