

Converting Colors

XYZ(59.3034, 68.5562, 58.0814)

Have a look what the booklet for
XYZ(59.3034, 68.5562, 58.0814)
contains.

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Color

**XYZ(59.3924, 68.7288,
58.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DFBD
RGB	200, 223, 189
RGB Percent	78%, 87%, 74%
CMY	0.2157, 0.1255, 0.2588
CMYK	0.10, 0.00, 0.15, 0.13
HSL	101°, 35%, 81%
HSV	101°, 15%, 87%
XYZ	59.3924, 68.7288, 58.2798
YIQ	212.2470, -2.7940, -15.4500

Conversions

Conversions Part 2

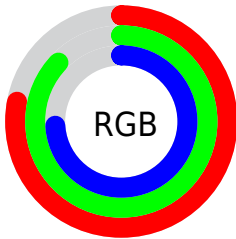
Format	Color
RYB	189, 223, 212
Decimal	13164477
CIELab	86.37, -13.78, 14.11
CIELCh	86, 19.727, 134.322
Yxy	68.7288, 0.3186, 0.3687
Android (android.graphics.Color)	4291354557 (0xFFC8DFBD)
YUV	212.2470, -11.4608, -10.7406
Hunter-Lab	82.9028, -17.2008, 16.3518

Details

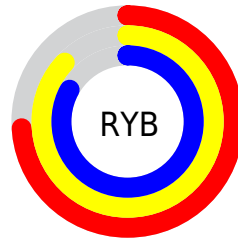
The XYZ color **59.3924, 68.7288, 58.2798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.6710, 55.7219, 77.4787**, and the grayscale version is **62.8203, 66.0919, 71.9741**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **30.3006, 35.8938, 28.6237** is the 20% darker color. If you saturate the color by 10%, you get **53.3234, 65.8607, 46.3166**, and if you desaturate by 10%, it is **66.2350, 71.9568, 72.2250**.

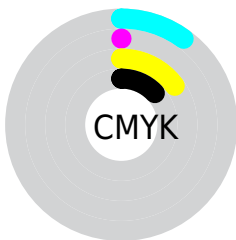
Distribution



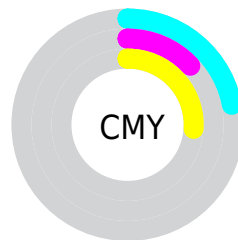
- Red (78%)
- Green (87%)
- Blue (74%)



- Red (74%)
- Yellow (87%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)





- Cyan (22%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3924, 68.7288, 58.2798 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 59.3924, 68.7288, 58.2798 by changing the saturation by 10% instead.


 59.3924, 68.7288,
58.2798

 59.3924, 68.7288,
58.2798


412.2253,
456.0739, 435.8551

 43.1767, 50.4909,
41.6174


 103.0591,
117.3941, 103.8490

 30.2189, 35.8036,
28.4785

131.2408,
148.5903, 133.5929

 20.1537, 24.2825,
18.4445


164.1419,
184.8748, 168.5345

 12.6157, 15.5433,
11.0969

202.1277,
226.6318, 209.0921

 7.2396, 9.2016,
6.0170

245.5636,
274.2458, 255.6845

 3.6601, 4.8729,
2.7865

294.8149,

 1.5117, 2.1729,

328.1012, 308.7301

0.9867

350.2470,
388.5825, 368.6474

■ 0.3338, 0.7052,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3924, 68.7288,
58.2798

■ 59.3924, 68.7288,
58.2798

■ 53.3234, 65.8607,
46.3166

■ 66.2350, 71.9568,
72.2250

■ 47.9941, 63.3308,
36.2410

■ 73.8725, 75.5477,
88.2317

■ 43.3760, 61.1286,
27.9578

■ 82.1865, 79.4576,
105.6129

■ 39.4366, 59.2397,
21.3617

■ 85.6790, 81.2580,
105.7763

■ 36.1407, 57.6484,
16.3364

■ 33.4494, 56.3376,
12.7507

■ 31.3187, 55.2878,
10.4523

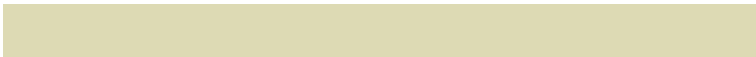
■ 29.6972, 54.4767,
9.2544

■ 29.0718, 54.1610,
8.9219

Harmonies

Analogous

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



63.1812, 68.7288, 53.0597



59.3924, 68.7288, 58.2798



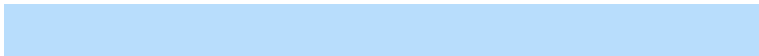
57.2471, 68.7288, 68.2561

Triad

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



59.3924, 68.7288, 58.2798



62.9856, 68.7288, 101.6852



74.1868, 68.7288, 68.7970

Complementary

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



59.3924, 68.7288, 58.2798



58.6710, 55.7219, 77.4787

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.



74.1284, 68.7288, 81.8214



59.3924, 68.7288, 58.2798



67.5160, 68.7288, 101.8739

Square

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



59.3924, 68.7288, 58.2798



59.2549, 68.7288, 93.7701



71.6393, 68.7288, 94.2590



71.7954, 68.7288, 58.6359

Rectangle

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



59.3924, 68.7288, 58.2798



56.9719, 68.7288, 76.7410



71.6393, 68.7288, 94.2590



74.4564, 68.7288, 72.9589

Sweetspot

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



59.3943, 68.7318, 58.2813



89.9621, 97.6064, 98.2998



63.0797, 66.2854, 57.6149



19.1073, 20.8220, 20.7336



0.0000, 0.0000, 0.0000



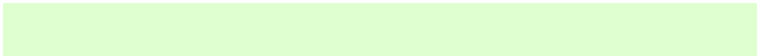
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3943, 68.7318, 58.2813



78.0053, 91.9673, 74.0267



57.1887, 67.5223, 61.4527



13.9442, 15.5514, 14.5736



17.1981, 31.8985, 5.2506



1.2836, 2.2582, 0.3682

Inverse Universe

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



58.6710, 55.7219, 77.4787



76.8619, 71.4219, 104.3425



61.1993, 57.1121, 73.6744



13.8415, 13.7018, 17.3029



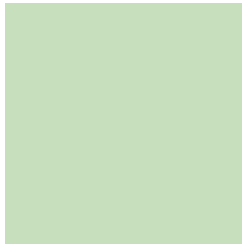
15.4439, 7.0569, 41.5965



1.1629, 0.5368, 2.8876

Previews

White Background



This preview shows how the XYZ color 59.3924, 68.7288, 58.2798 looks on a white background.

Color Contrast Check

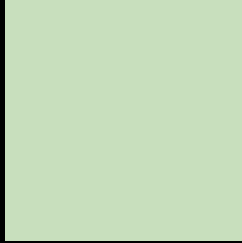
Large Text (above 18pt) WCAG AA × Fail

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 59.3924, 68.7288, 58.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

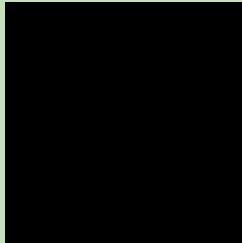
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

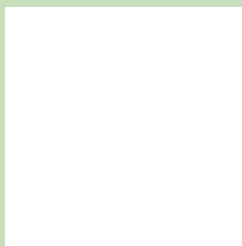
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3924, 68.7288, 58.2798

Background



This preview shows how black text looks on a background with the XYZ color 59.3924, 68.7288, 58.2798.



This preview shows how white text looks on a background with the XYZ color 59.3924, 68.7288,

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

59.3924, 68.7288, 58.2798

Protanopia

64.7359, 68.4346, 55.6962

Deuteranopia

69.7265, 68.3300, 59.3832



Tritanopia

65.3963, 68.8316, 87.6810

Trichromacy



Original Color

59.3924, 68.7288, 58.2798

Protanomaly

62.5496, 68.4397, 56.3678

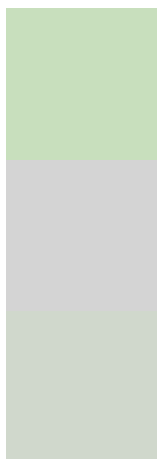
Deuteranomaly

65.5113, 68.0081, 58.9643

Tritanomaly

62.8882, 68.5624, 76.2490

Monochromacy



Original Color

59.3924, 68.7288, 58.2798

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4674, 66.8813, 66.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3924, 68.7288, 58.2798 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(200, 223, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 223, 189)  
}
```

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(200, 223, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 223, 189) }
```

Border

The CSS property to change the border of an element to XYZ 59.3924, 68.7288, 58.2798 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(200, 223, 189) }
```


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

```
.border{ border-color:rgb(200, 223, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 223, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 223, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 223, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 223,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3924, 68.7288, 58.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 223, 189) }
```

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

```
.background{ background-color: rgb(200,  
223, 189) }
```

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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