

Converting Colors

XYZ(58.5659, 65.8794, 59.0076)

Have a look what the booklet for
XYZ(58.5659, 65.8794, 59.0076)
contains.

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Color

**XYZ(58.5739, 65.9439,
58.9315)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD9BF
RGB	202, 217, 191
RGB Percent	79%, 85%, 75%
CMY	0.2078, 0.1490, 0.2510
CMYK	0.07, 0.00, 0.12, 0.15
HSL	95°, 25%, 80%
HSV	95°, 12%, 85%
XYZ	58.5739, 65.9439, 58.9315
YIQ	209.5510, -0.5940, -11.2660

Conversions

Conversions Part 2

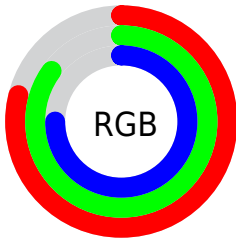
Format	Color
RYB	191, 217, 206
Decimal	13294015
CIELab	84.97, -9.71, 11.09
CIELCh	85, 14.745, 131.207
Yxy	65.9439, 0.3193, 0.3595
Android (android.graphics.Color)	4291484095 (0xFFCAD9BF)
YUV	209.5510, -9.1456, -6.6222
Hunter-Lab	81.2058, -13.3579, 13.8170

Details

The XYZ color **58.5739, 65.9439, 58.9315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6116, 55.3951, 73.3578**, and the grayscale version is **61.0241, 64.2021, 69.9161**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **29.7205, 33.9715, 29.0355** is the 20% darker color. If you saturate the color by 10%, you get **53.1093, 63.3845, 47.1198**, and if you desaturate by 10%, it is **64.6709, 68.7923, 72.6225**.

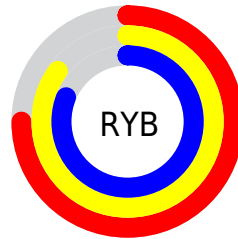
Distribution



Red (79%)

Green (85%)

Blue (75%)



Red (75%)

Yellow (85%)

Blue (81%)

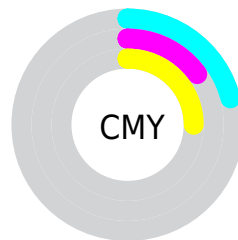


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (21%)


Magenta (15%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5739, 65.9439, 58.9315 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 58.5739, 65.9439, 58.9315 by changing the saturation by 10% instead.


 58.5739, 65.9439,
58.9315

 58.5739, 65.9439,
58.9315


409.2405,
446.1762, 438.3428

 42.5153, 48.2269,
42.1383


 101.8763,
113.4058, 104.8062

 29.6978, 34.0066,
28.8832


129.8507,
143.9195, 134.7249

 19.7563, 22.8987,
18.7477


162.5278,
179.4675, 169.8558

 12.3252, 14.5187,
11.3131

200.2730,
220.4342, 210.6175

 7.0394, 8.4823,
6.1611

243.4514,
267.2040, 257.4285

 3.5333, 4.4051,
2.8729


292.4286,


 1.4416, 1.9026,


320.1614, 310.7073


1.0301


347.5698,
379.6907, 370.8726


 0.2856, 0.5500,
0.0000

 0.0000, 0.0000,
0.0000

 58.5739, 65.9439,
58.9315


 58.5739, 65.9439,
58.9315


 53.1093, 63.3845,
47.1198


 64.6709, 68.7923,
72.6225


 48.2497, 61.0960,
37.1012

 71.4159, 71.9302,
88.2655

 43.9736, 59.0712,
28.7891

 78.6521, 75.2977,
104.9962

 40.2559, 57.2991,
22.0880

 83.0407, 77.5601,
105.2016

■ 37.0694, 55.7681,
16.8931

■ 84.1042, 78.1084,
105.2514

■ 34.3843, 54.4653,
13.0871

■ 32.1670, 53.3765,
10.5353

■ 30.3785, 52.4849,
9.0763

■ 29.2068, 51.8929,
8.4770

Harmonies

Analogous

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



61.4477, 65.9439, 55.3505



58.5739, 65.9439, 58.9315



56.8381, 65.9439, 66.0829

Triad

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



58.5739, 65.9439, 58.9315



60.6477, 65.9439, 90.4958



69.1368, 65.9439, 68.3139

Complementary

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



58.5739, 65.9439, 58.9315



56.6116, 55.3951, 73.3578

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.



68.9041, 65.9439, 77.8412



58.5739, 65.9439, 58.9315



63.9240, 65.9439, 91.2268

Square

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



58.5739, 65.9439, 58.9315



58.0060, 65.9439, 84.5041



66.9688, 65.9439, 86.4213



67.5937, 65.9439, 60.4406

Rectangle

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



58.5739, 65.9439, 58.9315



56.5219, 65.9439, 72.1866



66.9688, 65.9439, 86.4213



69.2650, 65.9439, 71.4182

Sweetspot

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



58.5757, 65.9467, 58.9329



91.3186, 98.2611, 100.3795



60.0291, 62.5303, 58.1969



19.3994, 20.9636, 21.1533



0.0000, 0.0000, 0.0000



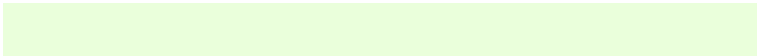
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5757, 65.9467, 58.9329



82.6490, 94.2106, 81.0535



55.8966, 64.5435, 59.8095



13.4060, 14.8740, 13.8900



17.7943, 31.4708, 5.1366



1.2498, 2.0888, 0.3373

Inverse Universe

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



56.6116, 55.3951, 73.3578



79.3609, 76.5474, 105.2001



59.5487, 56.9352, 72.3242



13.0546, 12.9863, 16.4707



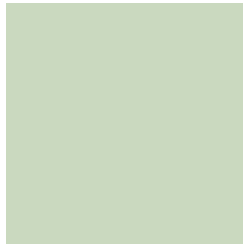
12.8432, 5.7451, 40.1704



0.9297, 0.4225, 2.6070

Previews

White Background



This preview shows how the XYZ color 58.5739, 65.9439, 58.9315 looks on a white background.

Color Contrast Check

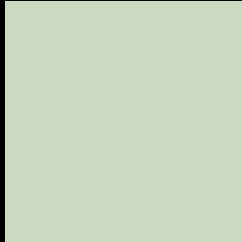
Large Text (above 18pt) WCAG AA × Fail

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 58.5739, 65.9439, 58.9315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

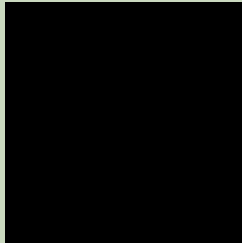
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

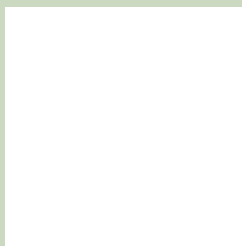
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5739, 65.9439, 58.9315

Background



This preview shows how black text looks on a background with the XYZ color 58.5739, 65.9439, 58.9315.

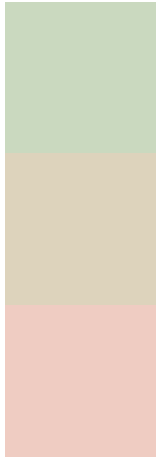


This preview shows how white text looks on a background with the XYZ color 58.5739, 65.9439,

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

58.5739, 65.9439, 58.9315

Protanopia

62.1902, 65.5915, 56.9596

Deuteranopia

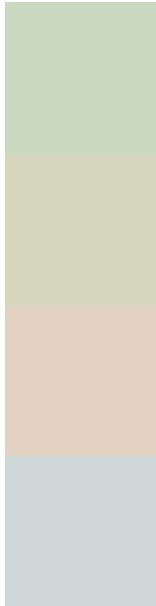
66.9271, 65.4315, 60.1410



Tritanopia

63.5595, 66.0983, 82.8071

Trichromacy



Original Color

58.5739, 65.9439, 58.9315

Protanomaly

60.7111, 65.5588, 57.5984

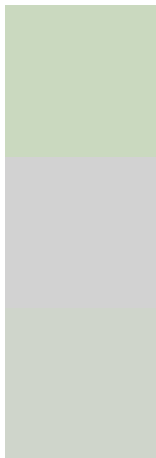
Deuteranomaly

63.7901, 65.6199, 59.7559

Tritanomaly

61.7659, 66.1212, 73.7972

Monochromacy



Original Color

58.5739, 65.9439, 58.9315

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.3059, 65.1657, 65.8997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5739, 65.9439, 58.9315 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(202, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 191)  
}
```

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(202, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.5739, 65.9439, 58.9315 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(202, 217, 191) }
```


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

```
.border{ border-color:rgb(202, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5739, 65.9439, 58.9315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 191) }
```

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

```
.background{ background-color: rgb(202,  
217, 191) }
```

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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