

Converting Colors

XYZ(58.7625, 63.4279, 68.3294)

Have a look what the booklet for
XYZ(58.7625, 63.4279, 68.3294)
contains.

XYZ(58.9139, 63.6501, 68.2121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.9139, 63.6501,
68.2121)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD3CF
RGB	202, 211, 207
RGB Percent	79%, 83%, 81%
CMY	0.2078, 0.1725, 0.1882
CMYK	0.04, 0.00, 0.02, 0.17
HSL	153°, 9%, 81%
HSV	153°, 4%, 83%
XYZ	58.9139, 63.6501, 68.2121
YIQ	207.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

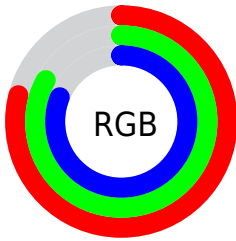
Format	Color
R _Y B	202, 208, 211
Decimal	13292495
CIE Lab	83.78, -3.79, 0.91
CIE LCh	84, 3.894, 166.508
Yxy	63.6501, 0.3088, 0.3336
Android (android.graphics.Color)	4291482575 (0xFFCAD3CF)
YUV	207.8530, -0.4205, -5.1331
Hunter-Lab	79.7810, -7.8043, 5.1543

Details

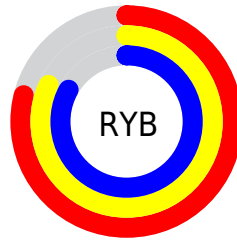
The XYZ color **58.9139, 63.6501, 68.2121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1274, 60.5479, 66.9662**, and the grayscale version is **59.8651, 62.9827, 68.5882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0195, 32.7097, 34.8684** is the 20% darker color. If you saturate the color by 10%, you get **52.4775, 60.4624, 62.1006**, and if you desaturate by 10%, it is **66.2027, 67.2729, 74.7220**.

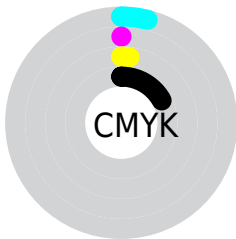
Distribution



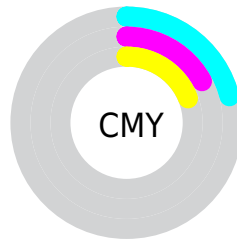
- Red (79%)
- Green (83%)
- Blue (81%)



- Red (79%)
- Yellow (82%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9139, 63.6501, 68.2121 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 58.9139, 63.6501, 68.2121 by changing the saturation by 10% instead.

■ 58.9139, 63.6501,
68.2121

■ 58.9139, 63.6501,
68.2121

410.4819,
437.9250, 472.8656

■ 42.7899, 46.3673,
49.6025

102.3679,
110.1069, 118.3126

■ 29.9141, 32.5358,
34.7287

130.4285,
140.0497, 150.6406

■ 19.9212, 21.7711,
23.1721

163.1988,
174.9813, 188.3785

■ 12.4457, 13.6888,
14.5141

201.0441,
215.2860, 231.9449

■ 7.1223, 7.9045,
8.3363

244.3297,
261.3484, 281.7582

■ 3.5857, 4.0339,
4.2200

293.4210,

■ 1.4705, 1.6926,

313.5528, 338.2371

1.7468

348.6833,
372.2835, 401.8000

■ 0.3057, 0.4188,
0.3925

■ 0.0000, 0.0000,
0.0000

■ 58.9139, 63.6501,
68.2121

■ 58.9139, 63.6501,
68.2121

■ 52.4775, 60.4624,
62.1006

■ 66.2027, 67.2729,
74.7220

■ 46.8555, 57.6851,
56.3756

■ 74.3695, 71.3385,
81.6336

■ 42.0149, 55.3029,
51.0307

■ 79.5524, 73.8577,
88.7731

■ 37.9183, 53.2969,
46.0576

■ 80.9454, 74.4150,
96.1087

■ 34.5250, 51.6461,
41.4477

■ 82.4111, 75.0012,
103.8266

■ 31.7906, 50.3278,
37.1922

■ 82.5855, 75.0710,
104.7452

■ 29.6648, 49.3163,
33.2816

■ 28.0899, 48.5819,
29.7058

■ 26.9961, 48.0889,
26.4539

Harmonies

Analogous

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



59.3134, 63.6501, 66.1158



58.9139, 63.6501, 68.2121



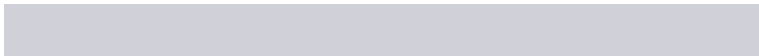
58.9359, 63.6501, 70.6498

Triad

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



58.9139, 63.6501, 68.2121



60.9656, 63.6501, 73.9142



61.6354, 63.6501, 65.9463

Complementary

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



58.9139, 63.6501, 68.2121



59.1274, 60.5479, 66.9662

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.



62.0865, 63.6501, 67.9757



58.9139, 63.6501, 68.2121



61.6973, 63.6501, 72.5933

Square

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



58.9139, 63.6501, 68.2121



60.1150, 63.6501, 73.9811



62.1092, 63.6501, 70.4078



60.8816, 63.6501, 64.8286

Rectangle

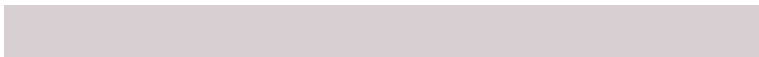
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.9139, 63.6501, 68.2121



59.1865, 63.6501, 72.1414



62.1092, 63.6501, 70.4078



61.8277, 63.6501, 66.5423

Sweetspot

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



58.9157, 63.6528, 68.2135



93.9360, 99.4467, 107.8978



59.4247, 63.9847, 65.0963



20.1179, 21.2915, 23.1052



0.0000, 0.0000, 0.0000



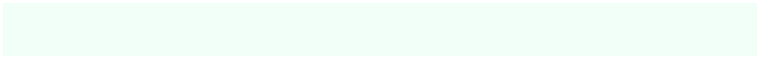
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9157, 63.6528, 68.2135



89.6143, 97.3017, 103.9511



59.2998, 63.6278, 70.7872



12.4592, 13.5784, 14.4725



16.0545, 28.9147, 15.1991



0.9373, 1.6326, 1.0585

Inverse Universe

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



59.1274, 60.5479, 66.9662



89.9974, 91.6855, 101.6950



58.7529, 60.5673, 64.4721



12.5188, 12.7043, 14.1213



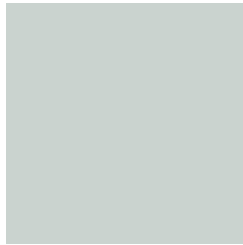
17.4768, 8.8635, 7.4168



1.0168, 0.5115, 0.6235

Previews

White Background



This preview shows how the XYZ color 58.9139, 63.6501, 68.2121 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 58.9139, 63.6501, 68.2121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

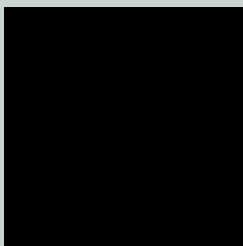
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

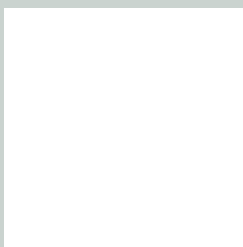
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9139, 63.6501, 68.2121

Background



This preview shows how black text looks on a background with the XYZ color 58.9139, 63.6501, 68.2121.



This preview shows how white text looks on a background with the XYZ color 58.9139, 63.6501,

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

58.9139, 63.6501, 68.2121

Protanopia

61.0159, 63.6657, 66.8304

Deuteranopia

64.9423, 63.5025, 69.1560



Tritanopia

61.3233, 63.5271, 80.2640

Trichromacy



Original Color

58.9139, 63.6501, 68.2121

Protanomaly

60.2355, 63.6125, 67.4962

Deuteranomaly

62.4299, 63.2768, 68.5977

Tritanomaly

60.3572, 63.5003, 75.4053

Monochromacy



Original Color

58.9139, 63.6501, 68.2121

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6392, 63.2768, 68.7448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9139, 63.6501, 68.2121 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, 211, 207) looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 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(202, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.9139, 63.6501, 68.2121 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, 211, 207) }
```


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

```
.border{ border-color:rgb(202, 211, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9139, 63.6501, 68.2121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 207) }
```

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

```
.background{ background-color: rgb(202,  
211, 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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