

Converting Colors

XYZ(35.2430, 49.1107, 58.0739)

Have a look what the booklet for
XYZ(35.2430, 49.1107, 58.0739)
contains.

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Color

**XYZ(35.2430, 49.1107,
58.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	58CCC1
RGB	88, 204, 193
RGB Percent	35%, 80%, 76%
CMY	0.6549, 0.2000, 0.2431
CMYK	0.57, 0.00, 0.05, 0.20
HSL	174°, 53%, 57%
HSV	174°, 57%, 80%
XYZ	35.2430, 49.1107, 58.0739
YIQ	168.0620, -65.6050, -28.0130

Conversions

Conversions Part 2

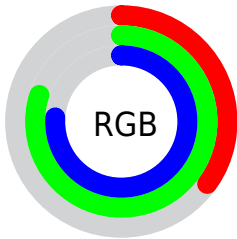
Format	Color
RYB	88, 149, 204
Decimal	5819585
CIELab	75.52, -35.27, -4.40
CIELCh	76, 35.547, 187.113
Yxy	49.1107, 0.2474, 0.3448
Android (android.graphics.Color)	4284009665 (0xFF58CCC1)
YUV	168.0620, 12.2944, -70.2144
Hunter-Lab	70.0790, -32.8700, -0.0778

Details

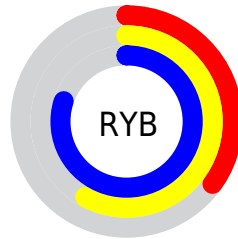
The XYZ color **35.2430, 49.1107, 58.0739** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **30.6453, 20.7191, 14.1901**, and the grayscale version is **37.2158, 39.1540, 42.6387**.

A 20% lighter version of the original color is **65.0716, 84.6555, 102.5330**, and **15.4811, 23.3883, 28.5094** is the 20% darker color. If you saturate the color by 10%, you get **33.3614, 48.1666, 56.8674**, and if you desaturate by 10%, it is **37.6705, 50.3382, 59.3228**.

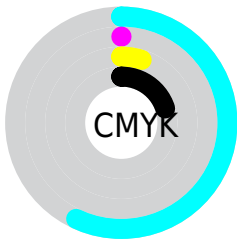
Distribution



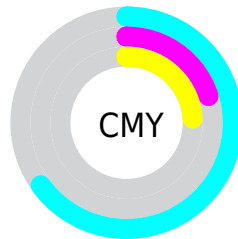
- Red (35%)
- Green (80%)
- Blue (76%)



- Red (35%)
- Yellow (58%)
- Blue (80%)



- Cyan (57%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (65%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2430, 49.1107, 58.0739 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 35.2430, 49.1107, 58.0739 by changing the saturation by 10% instead.

■ 35.2430, 49.1107,
58.0739

■ 35.2430, 49.1107,
58.0739

317.1289,
383.1780, 435.0672

■ 24.0175, 34.7073,
41.4530

■ 67.1936, 88.8558,
103.5463

■ 15.4714, 23.4375,
28.3508

■ 88.6494, 114.9664,
133.2349

■ 9.2394, 14.9169,
18.3489

■ 114.2460,
145.7481, 168.1164

■ 4.9560, 8.7611,
11.0288

■ 144.3488,
181.5854, 208.6094

■ 2.2560, 4.5857,
5.9718

179.3232,
222.8626, 255.1324

■ 0.7720, 2.0063,
2.7594

219.5344,

■ 0.0000, 0.6111,

269.9642, 308.1041

0.9731

265.3478,
323.2745, 367.9428

■ 0.0000, 0.0000,
0.0000

■ 35.2430, 49.1107,
58.0739

■ 35.2430, 49.1107,
58.0739

■ 33.3614, 48.1666,
56.8674

■ 37.6705, 50.3382,
59.3228

■ 31.9750, 47.4764,
55.6977

■ 40.6807, 51.8646,
60.6128

■ 31.0312, 47.0140,
54.5634

■ 44.3120, 53.7108,
61.9466

■ 30.4585, 46.7425,
53.4610

■ 48.5984, 55.8944,
63.3260

■ 30.3142, 46.6755,
53.1196

■ 53.5714, 58.4317,
64.7525

■ 59.2605, 61.3378,
66.2275

■ 65.6935, 64.6270,
67.7525

■ 72.8965, 68.3129,
69.3285

■ 74.5184, 69.1212,
70.6586

Harmonies

Analogous

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



35.9914, 49.1107, 40.6136



35.2430, 49.1107, 58.0739



37.3213, 49.1107, 78.3771

Triad

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



35.2430, 49.1107, 58.0739



54.7136, 49.1107, 87.7794



51.7599, 49.1107, 26.6113

Complementary

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



35.2430, 49.1107, 58.0739



30.6453, 20.7191, 14.1901

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.



57.4814, 49.1107, 34.4973



35.2430, 49.1107, 58.0739



59.2952, 49.1107, 68.7957

Square

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



35.2430, 49.1107, 58.0739



48.2582, 49.1107, 97.9476



60.3528, 49.1107, 49.1221



45.1332, 49.1107, 25.0316

Rectangle

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



35.2430, 49.1107, 58.0739



40.1563, 49.1107, 89.9233



60.3528, 49.1107, 49.1221



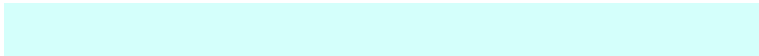
53.8707, 49.1107, 28.5049

Sweetspot

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



35.2444, 49.1126, 58.0751



80.2056, 92.4231, 104.7868



28.5672, 46.5788, 16.7185



16.8405, 19.6158, 22.3280



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.



35.2444, 49.1126, 58.0751



54.7191, 79.5016, 93.7776



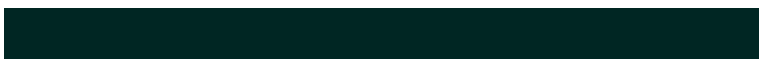
27.0839, 30.7536, 61.6374



11.4956, 12.7080, 14.1673



19.0982, 29.3846, 33.5318



0.9989, 1.5214, 1.8019

Inverse Universe

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



30.6453, 20.7191, 14.1901



46.4340, 28.1171, 14.5465



35.2455, 30.7047, 13.3025



11.2548, 11.2307, 11.8765



15.7650, 8.1166, 1.2151



0.8285, 0.4248, 0.1425

Previews

White Background



This preview shows how the XYZ color 35.2430, 49.1107, 58.0739 looks on a white background.

Color Contrast Check

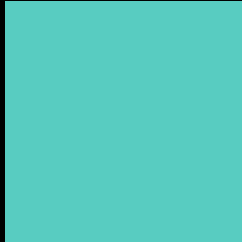
Large Text (above 18pt) WCAG AA × Fail

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 35.2430, 49.1107, 58.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

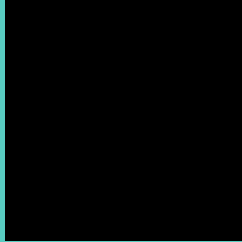
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

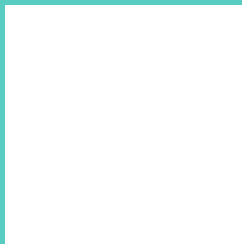
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2430, 49.1107, 58.0739

Background



This preview shows how black text looks on a background with the XYZ color 35.2430, 49.1107, 58.0739.

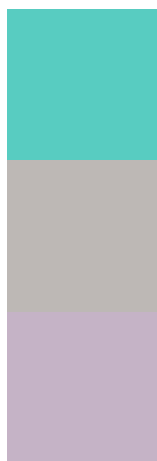


This preview shows how white text looks on a background with the XYZ color 35.2430, 49.1107,

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

35.2430, 49.1107, 58.0739

Protanopia

46.4672, 48.4360, 50.6161

Deuteranopia

49.3391, 48.1877, 60.1268



Tritanopia

38.1084, 48.8597, 73.0680

Trichromacy



Original Color

35.2430, 49.1107, 58.0739



Protanomaly

40.3367, 47.4398, 52.9298



Deuteranomaly

41.8517, 47.1201, 59.1138



Tritanomaly

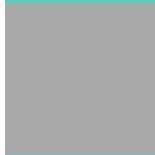
36.8879, 48.7070, 67.1317

Monochromacy



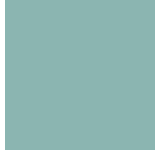
Original Color

35.2430, 49.1107, 58.0739



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.1071, 41.7110, 47.7957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2430, 49.1107, 58.0739 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(88, 204, 193)` looks like.

```
.text, #text, p{  
    color:rgb(88, 204, 193)  
}
```

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(88, 204, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 204, 193) }
```

Border

The CSS property to change the border of an element to XYZ 35.2430, 49.1107, 58.0739 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(88, 204, 193) }
```


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

```
.border{ border-color:rgb(88, 204, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 204, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 204, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 204, 193);  
box-shadow:4px 4px 4px 4px rgb(88, 204,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2430, 49.1107, 58.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 204, 193) }
```

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

```
.background{ background-color: rgb(88, 204,  
193) }
```

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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