

Converting Colors

XYZ(35.4067, 51.1755, 54.6872)

Have a look what the booklet for
XYZ(35.4067, 51.1755, 54.6872)
contains.

XYZ(35.3195, 51.0309, 54.4428)	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(35.3195, 51.0309,
54.4428)**

Conversions

Conversions Part 1

Format	Color
Hex	54D1BA
RGB	84, 209, 186
RGB Percent	33%, 82%, 73%
CMY	0.6706, 0.1804, 0.2706
CMYK	0.60, 0.00, 0.11, 0.18
HSL	169°, 58%, 57%
HSV	169°, 60%, 82%
XYZ	35.3195, 51.0309, 54.4428
YIQ	169.0030, -67.1170, -33.6530

Conversions

Conversions Part 2

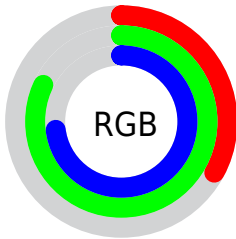
Format	Color
RYB	84, 153, 209
Decimal	5558714
CIELab	76.70, -40.09, 1.08
CIELCh	77, 40.104, 178.454
Yxy	51.0309, 0.2509, 0.3625
Android (android.graphics.Color)	4283748794 (0xFF54D1BA)
YUV	169.0030, 8.3795, -74.5476
Hunter-Lab	71.4359, -36.7585, 4.8190

Details

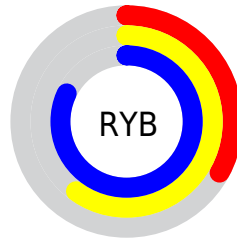
The XYZ color **35.3195, 51.0309, 54.4428** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **32.1203, 20.9588, 16.2641**, and the grayscale version is **37.6985, 39.6617, 43.1916**.

A 20% lighter version of the original color is **63.4641, 83.9505, 96.8636**, and **15.7892, 24.8047, 26.1459** is the 20% darker color. If you saturate the color by 10%, you get **33.3175, 50.0467, 52.2443**, and if you desaturate by 10%, it is **37.8934, 52.3112, 56.7278**.

Distribution



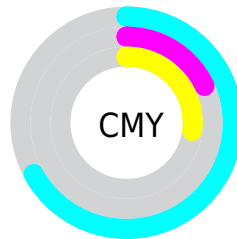
- Red (33%)
- Green (82%)
- Blue (73%)



- Red (33%)
- Yellow (60%)
- Blue (82%)



- Cyan (60%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)





- Cyan (67%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3195, 51.0309, 54.4428 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 35.3195, 51.0309, 54.4428 by changing the saturation by 10% instead.


 35.3195, 51.0309,
54.4428


 35.3195, 51.0309,
54.4428


317.4597,
390.6838, 421.0186


 24.0768, 36.2332,
38.5602


 67.3112, 91.7004,
98.1870


 15.5156, 24.6144,
26.1126


 88.7909, 118.3411,
126.8858

 9.2707, 15.7900,
16.6814


 114.4135,
149.6982, 160.6936

 4.9767, 9.3757,
9.8480

 144.5446,
186.1561, 200.0291

 2.2682, 4.9870,
5.1940

179.5494,
228.0992, 245.3108

 0.7783, 2.2396,
2.3008

219.7933,

 0.0000, 0.7415,

275.9119, 296.9573

0.7317

265.6416,
329.9787, 355.3870

■ 0.0000, 0.0000,
0.0000

■ 35.3195, 51.0309,
54.4428

■ 35.3195, 51.0309,
54.4428

■ 33.3175, 50.0467,
52.2443

■ 37.8934, 52.3112,
56.7278

■ 31.8315, 49.3260,
50.1258

■ 41.0800, 53.9047,
59.0982

■ 30.8023, 48.8395,
48.0853

■ 44.9212, 55.8345,
61.5576

■ 30.1206, 48.5309,
46.1171

■ 49.4540, 58.1195,
64.1082

■ 30.1085, 48.5255,
46.0798

■ 54.7127, 60.7774,
66.7518

■ 60.7292, 63.8246,
69.4906

■ 67.5335, 67.2766,
72.3263

■ 75.1541, 71.1481,
75.2606

■ 77.0413, 72.0626,
77.9874

Harmonies

Analogous

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



37.0910, 51.0309, 36.4274



35.3195, 51.0309, 54.4428



36.7624, 51.0309, 77.9701

Triad

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



35.3195, 51.0309, 54.4428



55.7999, 51.0309, 101.0489



56.5528, 51.0309, 26.9971

Complementary

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



35.3195, 51.0309, 54.4428



32.1203, 20.9588, 16.2641

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.



62.5106, 51.0309, 37.9229



35.3195, 51.0309, 54.4428



62.0450, 51.0309, 80.4465

Square

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



35.3195, 51.0309, 54.4428



48.1103, 51.0309, 108.7415



64.6169, 51.0309, 56.7004



48.8986, 51.0309, 23.3627

Rectangle

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



35.3195, 51.0309, 54.4428



39.4474, 51.0309, 93.1156



64.6169, 51.0309, 56.7004



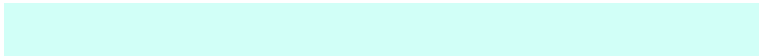
58.8489, 51.0309, 29.7703

Sweetspot

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



35.3210, 51.0329, 54.4440



78.8025, 91.7778, 101.1965



30.7089, 49.4943, 16.3232



16.3829, 19.3998, 21.4035



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.



35.3210, 51.0329, 54.4440



51.4677, 78.1067, 80.9201



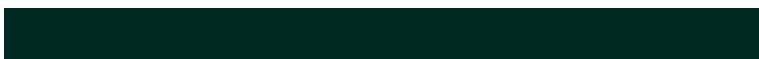
29.8238, 35.8051, 65.6631



12.0612, 13.3682, 14.6784



18.5972, 29.9318, 28.5885



1.0647, 1.6835, 1.7292

Inverse Universe

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



32.1203, 20.9588, 16.2641



46.0781, 26.8413, 16.1669



34.7947, 27.9936, 11.9578



11.8963, 11.8433, 12.7299



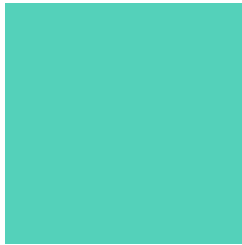
16.4593, 8.4566, 2.0590



0.9476, 0.4838, 0.2590

Previews

White Background



This preview shows how the XYZ color 35.3195, 51.0309, 54.4428 looks on a white background.

Color Contrast Check

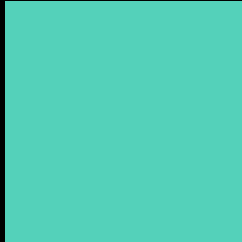
Large Text (above 18pt) WCAG AA × Fail

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 35.3195, 51.0309, 54.4428 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

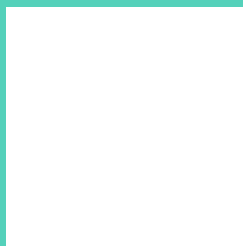
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3195, 51.0309, 54.4428

Background



This preview shows how black text looks on a background with the XYZ color 35.3195, 51.0309, 54.4428.

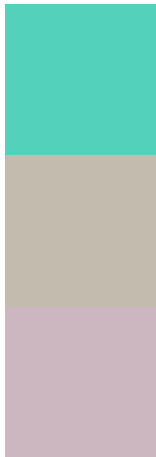


This preview shows how white text looks on a background with the XYZ color 35.3195, 51.0309,

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

35.3195, 51.0309, 54.4428

Protanopia

47.9160, 50.1987, 47.2083

Deuteranopia

51.1442, 50.0990, 56.8437



Tritanopia

39.5738, 50.9476, 76.1547

Trichromacy



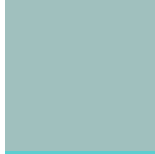
Original Color

35.3195, 51.0309, 54.4428



Protanomaly

41.0686, 49.2131, 49.4540



Deuteranomaly

42.6411, 48.8906, 55.9046



Tritanomaly

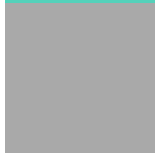
37.8701, 50.9720, 67.5171

Monochromacy



Original Color

35.3195, 51.0309, 54.4428



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.3596, 42.7794, 46.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3195, 51.0309, 54.4428 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(84, 209, 186)` looks like.

```
.text, #text, p{  
    color:rgb(84, 209, 186)  
}
```

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(84, 209, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 209, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.3195, 51.0309, 54.4428 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(84, 209, 186) }
```


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

```
.border{ border-color:rgb(84, 209, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 209, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 209, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 209, 186);  
box-shadow:4px 4px 4px 4px rgb(84, 209,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3195, 51.0309, 54.4428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 209, 186) }
```

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

```
.background{ background-color: rgb(84, 209,  
186) }
```

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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