

Converting Colors

XYZ(35.5393, 51.0690, 57.8533)

Have a look what the booklet for
XYZ(35.5393, 51.0690, 57.8533)
contains.

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Color

**XYZ(35.5393, 51.0690,
57.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	4FD1C0
RGB	79, 209, 192
RGB Percent	31%, 82%, 75%
CMY	0.6902, 0.1804, 0.2471
CMYK	0.62, 0.00, 0.08, 0.18
HSL	172°, 59%, 56%
HSV	172°, 62%, 82%
XYZ	35.5393, 51.0690, 57.8533
YIQ	168.1920, -72.0230, -32.8470

Conversions

Conversions Part 2

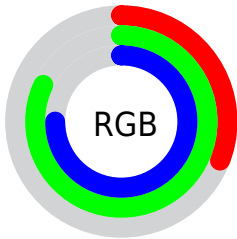
Format	Color
RYB	79, 149, 209
Decimal	5231040
CIELab	76.72, -39.44, -2.13
CIELCh	77, 39.502, 183.085
Yxy	51.0690, 0.2460, 0.3535
Android (android.graphics.Color)	4283421120 (0xFF4FD1C0)
YUV	168.1920, 11.7373, -78.2214
Hunter-Lab	71.4626, -36.2891, 2.0249

Details

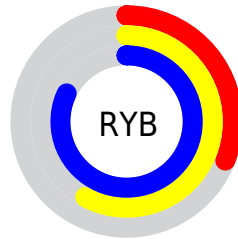
The XYZ color **35.5393, 51.0690, 57.8533** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **31.2035, 19.9932, 13.2825**, and the grayscale version is **37.2846, 39.2263, 42.7175**.

A 20% lighter version of the original color is **63.6878, 83.9600, 101.6561**, and **16.2158, 24.9753, 28.3921** is the 20% darker color. If you saturate the color by 10%, you get **33.7668, 50.1911, 56.2049**, and if you desaturate by 10%, it is **37.8668, 52.2347, 59.5593**.

Distribution



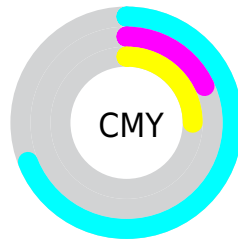
- Red (31%)
- Green (82%)
- Blue (75%)



- Red (31%)
- Yellow (58%)
- Blue (82%)



- Cyan (62%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (69%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5393, 51.0690, 57.8533 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 35.5393, 51.0690, 57.8533 by changing the saturation by 10% instead.

35.5393, 51.0690,
57.8533

35.5393, 51.0690,
57.8533

318.4089,
390.8318, 434.2221

24.2471, 36.2635,
41.2768

67.6489, 91.7568,
103.2219

15.6427, 24.6378,
28.2141

89.1970, 118.4078,
132.8510

9.3609, 15.8074,
18.2467

114.8944,
149.7762, 167.6681

5.0363, 9.3880,
10.9560

145.1065,
186.2463, 208.0917

2.3036, 4.9951,
5.9234

180.1987,
228.2025, 254.5404

0.7965, 2.2444,
2.7305

220.5362,

0.0000, 0.7440,

276.0293, 307.4326

0.9587

266.4845,
330.1109, 367.1870

■ 0.0000, 0.0000,
0.0000

■ 35.5393, 51.0690,
57.8533

■ 35.5393, 51.0690,
57.8533

■ 33.7668, 50.1911,
56.2049

■ 37.8668, 52.2347,
59.5593

■ 32.4915, 49.5677,
54.6079

■ 40.7911, 53.7063,
61.3216

■ 31.6511, 49.1679,
53.0603

■ 44.3552, 55.5071,
63.1436

■ 31.2106, 48.9664,
51.8831

■ 48.5969, 57.6564,
65.0270

■ 53.5509, 60.1723,
66.9738

■ 59.2496, 63.0715,
68.9856

■ 65.7235, 66.3696,
71.0640

■ 73.0012, 70.0814,
73.2104

■ 76.5141, 71.8518,
75.2112

Harmonies

Analogous

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



36.8036, 51.0690, 38.9555



35.5393, 51.0690, 57.8533



37.4514, 51.0690, 81.2783

Triad

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



35.5393, 51.0690, 57.8533



56.8279, 51.0690, 97.7862



55.3507, 51.0690, 26.3539

Complementary

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



35.5393, 51.0690, 57.8533



31.2035, 19.9932, 13.2825

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.



61.6251, 51.0690, 36.0028



35.5393, 51.0690, 57.8533



62.5377, 51.0690, 76.4296

Square

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



35.5393, 51.0690, 57.8533



49.3182, 51.0690, 107.7573



64.3768, 51.0690, 53.4166



47.7691, 51.0690, 23.7657

Rectangle

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



35.5393, 51.0690, 57.8533



40.3978, 51.0690, 95.5018



64.3768, 51.0690, 53.4166



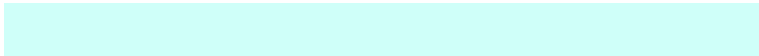
57.7078, 51.0690, 28.7311

Sweetspot

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



35.5408, 51.0710, 57.8545



78.4130, 91.5392, 102.8835



29.0723, 48.6724, 15.2605



16.3269, 19.3614, 21.8344



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.



35.5408, 51.0710, 57.8545



52.1392, 78.3141, 87.2215



27.5378, 31.8739, 65.0248



12.0891, 13.3794, 14.8254



19.2689, 30.2005, 32.1257



1.0963, 1.6962, 1.8961

Inverse Universe

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



31.2035, 19.9932, 13.2825



44.8526, 25.6160, 11.9795



35.2539, 29.2143, 11.1789



11.8708, 11.8331, 12.5953



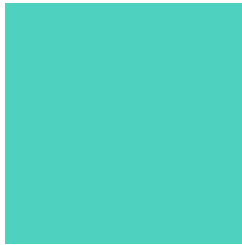
16.3573, 8.4158, 1.5219



0.9357, 0.4790, 0.1964

Previews

White Background



This preview shows how the XYZ color 35.5393, 51.0690, 57.8533 looks on a white background.

Color Contrast Check

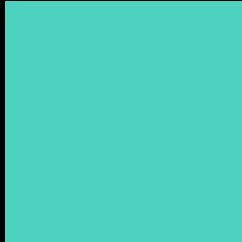
Large Text (above 18pt) WCAG AA × Fail

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 35.5393, 51.0690, 57.8533 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

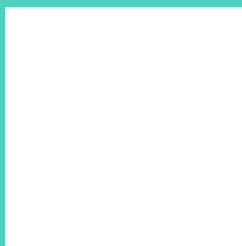
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5393, 51.0690, 57.8533

Background



This preview shows how black text looks on a background with the XYZ color 35.5393, 51.0690, 57.8533.

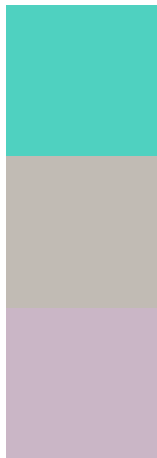


This preview shows how white text looks on a background with the XYZ color 35.5393, 51.0690,

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

35.5393, 51.0690, 57.8533

Protanopia

48.0009, 50.1734, 50.3345

Deuteranopia

51.2781, 50.0897, 60.3917



Tritanopia

39.1969, 51.1072, 76.2054

Trichromacy



Original Color

35.5393, 51.0690, 57.8533



Protanomaly

41.1157, 49.1663, 52.6704



Deuteranomaly

42.7181, 48.8529, 59.4026



Tritanomaly

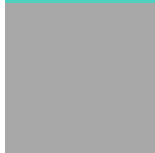
37.6346, 50.8220, 68.7988

Monochromacy



Original Color

35.5393, 51.0690, 57.8533



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.0226, 42.2755, 47.9091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5393, 51.0690, 57.8533 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(79, 209, 192)` looks like.

```
.text, #text, p{  
    color:rgb(79, 209, 192)  
}
```

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(79, 209, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 209, 192) }
```

Border

The CSS property to change the border of an element to XYZ 35.5393, 51.0690, 57.8533 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(79, 209, 192) }
```


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

```
.border{ border-color:rgb(79, 209, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 209, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 209, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 209, 192);  
box-shadow:4px 4px 4px 4px rgb(79, 209,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5393, 51.0690, 57.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 209, 192) }
```

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

```
.background{ background-color: rgb(79, 209,  
192) }
```

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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