

Converting Colors

XYZ(39.7560, 51.7955, 58.2700)

Have a look what the booklet for
XYZ(39.7560, 51.7955, 58.2700)
contains.

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Color

**XYZ(39.7691, 51.7980,
58.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	7CCDC1
RGB	124, 205, 193
RGB Percent	49%, 80%, 76%
CMY	0.5137, 0.1961, 0.2431
CMYK	0.40, 0.00, 0.06, 0.20
HSL	171°, 45%, 65%
HSV	171°, 40%, 80%
XYZ	39.7691, 51.7980, 58.3540
YIQ	179.4130, -44.4240, -20.9040

Conversions

Conversions Part 2

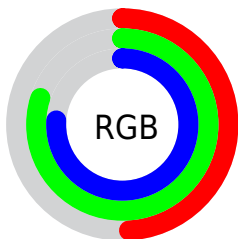
Format	Color
RYB	124, 168, 205
Decimal	8179137
CIELab	77.16, -27.58, -1.83
CIElCh	77, 27.640, 183.806
Yxy	51.7980, 0.2653, 0.3455
Android (android.graphics.Color)	4286369217 (0xFF7CCDC1)
YUV	179.4130, 6.6984, -48.5972
Hunter-Lab	71.9708, -27.3148, 2.3072

Details

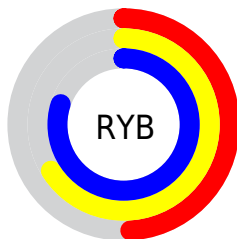
The XYZ color **39.7691, 51.7980, 58.3540** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.8302, 29.1734, 26.9843**, and the grayscale version is **43.0516, 45.2937, 49.3248**.

A 20% lighter version of the original color is **71.6813, 88.0629, 102.8424**, and **18.0942, 24.9714, 28.6772** is the 20% darker color. If you saturate the color by 10%, you get **36.7738, 50.2939, 56.4640**, and if you desaturate by 10%, it is **43.3902, 53.6265, 60.3119**.

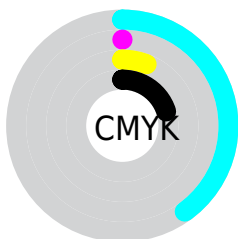
Distribution



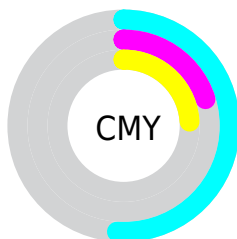
- Red (49%)
- Green (80%)
- Blue (76%)



- Red (49%)
- Yellow (66%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (51%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7691, 51.7980, 58.3540 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 39.7691, 51.7980, 58.3540 by changing the saturation by 10% instead.

■ 39.7691, 51.7980,
58.3540

■ 39.7691, 51.7980,
58.3540

336.3005,
393.6563, 436.1388

■ 27.5420, 36.8441,
41.6767

■ 74.0984, 92.8333,
103.9581

■ 18.1194, 25.0868,
28.5246

■ 96.9312, 119.6834,
133.7219

■ 11.1359, 16.1417,
18.4790

■ 124.0300,
151.2678, 168.6850

■ 6.2263, 9.6245,
11.1214

155.7601,
187.9707, 209.2660

■ 3.0251, 5.1507,
6.0334

192.4868,
230.1766, 255.8833

■ 1.1671, 2.3360,
2.7963

234.5756,

■ 0.0801, 0.7926,

278.2699, 308.9555

0.9916

282.3917,
332.6350, 368.9011

■ 0.0000, 0.0000,
0.0000

■ 39.7691, 51.7980,
58.3540

■ 39.7691, 51.7980,
58.3540

■ 36.7738, 50.2939,
56.4640

■ 43.3902, 53.6265,
60.3119

■ 34.3614, 49.0882,
54.6362

■ 47.6677, 55.7912,
62.3360

■ 32.4905, 48.1609,
52.8697

■ 52.6358, 58.3112,
64.4291

■ 31.1123, 47.4868,
51.1619

■ 58.3248, 61.2020,
66.5930

■ 30.1693, 47.0363,
49.5100

■ 64.7632, 64.4783,
68.8291

■ 29.5606, 46.7572,
47.9090

■ 71.9781, 68.1541,
71.1389

■ 29.5335, 46.7450,
47.8319

■ 75.2437, 69.7931,
73.3015

■ 75.6360, 69.9500,
75.3675

■ 76.0356, 70.1098,
77.4717

Harmonies

Analogous

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



40.6618, 51.7980, 44.4985



39.7691, 51.7980, 58.3540



41.2588, 51.7980, 74.1994

Triad

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



39.7691, 51.7980, 58.3540



55.1083, 51.7980, 84.2169



53.8578, 51.7980, 34.0997

Complementary

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



39.7691, 51.7980, 58.3540



36.8302, 29.1734, 26.9843

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.



58.1725, 51.7980, 41.7011



39.7691, 51.7980, 58.3540



58.9300, 51.7980, 70.2525

Square

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



39.7691, 51.7980, 58.3540



49.9103, 51.7980, 90.7250



60.0892, 51.7980, 54.4886



48.5607, 51.7980, 32.0501

Rectangle

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



39.7691, 51.7980, 58.3540



43.4696, 51.7980, 83.3108



60.0892, 51.7980, 54.4886



55.4834, 51.7980, 36.0140

Sweetspot

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



39.7706, 51.8001, 58.3552



83.9531, 94.3627, 104.6149



35.6487, 50.3668, 26.9125



17.7335, 20.0778, 22.2943



0.0000, 0.0000, 0.0000



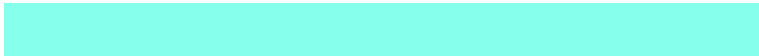
20.3446, 21.4041, 23.3091

Same Dimension

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



39.7706, 51.8001, 58.3552



61.0972, 82.8119, 93.0698



34.9862, 40.0008, 63.6370



11.4690, 12.6974, 14.0273



18.4127, 29.1104, 29.9219



0.9698, 1.5097, 1.6487

Inverse Universe

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



36.8302, 29.1734, 26.9843



55.6672, 40.9267, 35.0632



40.1018, 37.0062, 24.0990



11.2789, 11.2403, 12.0035



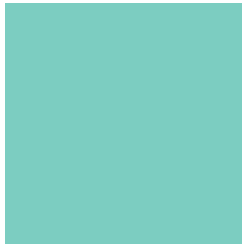
15.8443, 8.1483, 1.6327



0.8396, 0.4293, 0.2014

Previews

White Background



This preview shows how the XYZ color 39.7691, 51.7980, 58.3540 looks on a white background.

Color Contrast Check

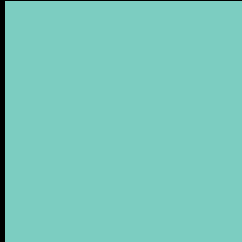
Large Text (above 18pt) WCAG AA × Fail

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 39.7691, 51.7980, 58.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

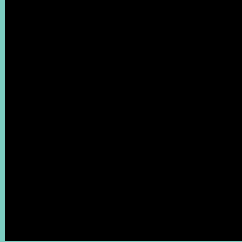
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7691, 51.7980, 58.3540

Background



This preview shows how black text looks on a background with the XYZ color 39.7691, 51.7980, 58.3540.

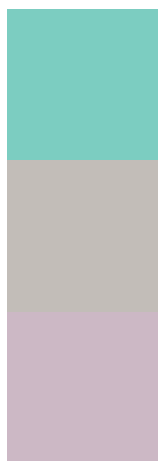


This preview shows how white text looks on a background with the XYZ color 39.7691, 51.7980,

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

39.7691, 51.7980, 58.3540

Protanopia

49.0975, 51.3252, 52.6664

Deuteranopia

52.1204, 51.1496, 59.9491



Tritanopia

42.7475, 51.5811, 74.0328

Trichromacy



Original Color

39.7691, 51.7980, 58.3540

Protanomaly

44.8469, 51.0531, 54.5043

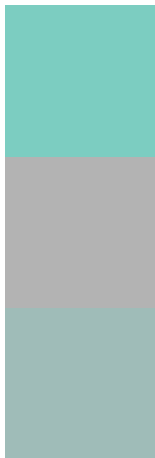
Deuteranomaly

46.4926, 50.7988, 59.5793

Tritanomaly

41.5312, 51.4337, 68.0604

Monochromacy



Original Color

39.7691, 51.7980, 58.3540

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

40.9330, 46.7981, 52.2229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7691, 51.7980, 58.3540 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(124, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(124, 205, 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(124, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 205, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.7691, 51.7980, 58.3540 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(124, 205, 193) }
```


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

```
.border{ border-color:rgb(124, 205, 193) }
```

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

Here you see how a box with a 4 pixel rgb(124, 205, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(124, 205,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7691, 51.7980, 58.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 205, 193) }
```

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

```
.background{ background-color: rgb(124,  
205, 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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