

Converting Colors

XYZ(39.6575, 53.9838, 79.8479)

Have a look what the booklet for
XYZ(39.6575, 53.9838, 79.8479)
contains.

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Color

**XYZ(39.5180, 53.7522,
79.5266)**

Conversions

Conversions Part 1

Format	Color
Hex	44D4E1
RGB	68, 212, 225
RGB Percent	27%, 83%, 88%
CMY	0.7333, 0.1686, 0.1176
CMYK	0.70, 0.06, 0.00, 0.12
HSL	185°, 72%, 57%
HSV	185°, 70%, 88%
XYZ	39.5180, 53.7522, 79.5266
YIQ	170.4260, -89.9970, -26.4850

Conversions

Conversions Part 2

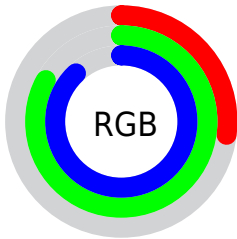
Format	Color
RYB	68, 143, 225
Decimal	4510945
CIELab	78.32, -33.36, -17.50
CIELCh	78, 37.667, 207.682
Yxy	53.7522, 0.2287, 0.3111
Android (android.graphics.Color)	4282701025 (0xFF44D4E1)
YUV	170.4260, 26.9050, -89.8276
Hunter-Lab	73.3159, -32.0895, -12.9914

Details

The XYZ color **39.5180, 53.7522, 79.5266** 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 **35.0385, 22.3113, 7.9302**, and the grayscale version is **38.3252, 40.3211, 43.9097**.

A 20% lighter version of the original color is **63.9633, 83.9742, 107.4452**, and **19.3127, 27.0162, 42.2270** is the 20% darker color. If you saturate the color by 10%, you get **37.7768, 52.1683, 79.3137**, and if you desaturate by 10%, it is **41.8697, 55.6610, 79.7721**.

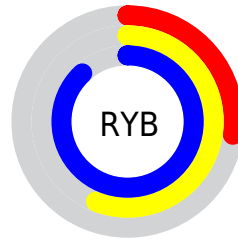
Distribution



Red (27%)

Green (83%)

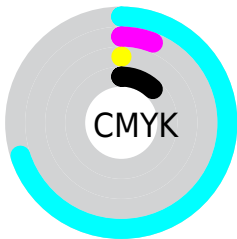
Blue (88%)



Red (27%)

Yellow (56%)

Blue (88%)

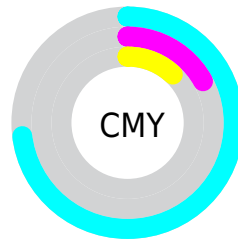


Cyan (70%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5180, 53.7522, 79.5266 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 39.5180, 53.7522, 79.5266 by changing the saturation by 10% instead.

39.5180, 53.7522,
79.5266

39.5180, 53.7522,
79.5266

335.2572,
401.1644, 513.0006

27.3455, 38.4036,
58.8050

73.7180, 95.7103,
134.5053

17.9708, 26.2961,
42.0372

96.4762, 123.0886,
169.5995

11.0286, 17.0453,
28.8046

123.4936,
155.2456, 210.3217

6.1535, 10.2668,
18.6888

155.1357,
192.5656, 257.0903

2.9802, 5.5762,
11.2711

191.7677,
235.4331, 310.3240

1.1433, 2.5891,
6.1330

233.7551,

0.0609, 0.9212,

284.2325, 370.4413

2.8560

281.4631,
339.3481, 437.8606

■ 0.0000, 0.0000,
1.0216

■ 0.0000, 0.0000,
0.0000

■ 39.5180, 53.7522,
79.5266

■ 39.5180, 53.7522,
79.5266

■ 37.7768, 52.1683,
79.3137

■ 41.8697, 55.6610,
79.7721

■ 36.5679, 50.8657,
79.1259


■ 44.8887, 57.9207,
80.0491


■ 35.7684, 49.7821,
78.9589


■ 48.6305, 60.5611,
80.3616


■ 35.7519, 49.7584,
78.9552


■ 53.1437, 63.6072,
80.7116

 58.4727, 67.0819,
81.1015

 64.6583, 71.0063,
81.5329

 71.7386, 75.4001,
82.0078

 79.7496, 80.2818,
82.5279

 82.7864, 82.6074,
82.8167

Harmonies

Analogous

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



38.1737, 53.7522, 56.8972



39.5180, 53.7522, 79.5266



43.8676, 53.7522, 100.0637

Triad

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



39.5180, 53.7522, 79.5266



64.0550, 53.7522, 83.0739



51.6665, 53.7522, 26.5697

Complementary

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



39.5180, 53.7522, 79.5266



35.0385, 22.3113, 7.9302

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.



59.0642, 53.7522, 30.4460



39.5180, 53.7522, 79.5266



66.6332, 53.7522, 60.1877

Square

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



39.5180, 53.7522, 79.5266



57.9750, 53.7522, 102.4346



64.7253, 53.7522, 41.5936



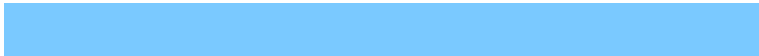
44.7726, 53.7522, 29.3942

Rectangle

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



39.5180, 53.7522, 79.5266



48.1197, 53.7522, 107.9307



64.7253, 53.7522, 41.5936



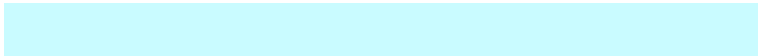
54.1798, 53.7522, 27.1067

Sweetspot

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



39.5197, 53.7542, 79.5279



76.6204, 88.4237, 107.6369



30.7025, 55.6374, 16.4184



15.9640, 18.6439, 23.0072



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.



39.5197, 53.7542, 79.5279



49.3175, 68.4094, 105.2128



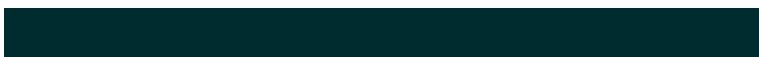
24.7851, 24.2851, 74.6164



14.0144, 15.3680, 17.6154



20.6433, 28.7561, 45.5108



1.4599, 2.0513, 3.1642

Inverse Universe

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



45.0036, 24.8968, 64.7231



57.3509, 28.9620, 82.8916



44.1477, 40.5296, 10.9666



14.2435, 13.9150, 17.0524



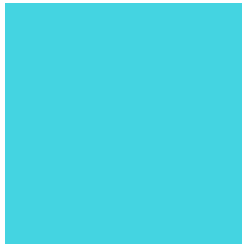
24.3600, 11.8110, 34.8910



1.7032, 0.8245, 2.4957

Previews

White Background



This preview shows how the XYZ color 39.5180, 53.7522, 79.5266 looks on a white background.

Color Contrast Check

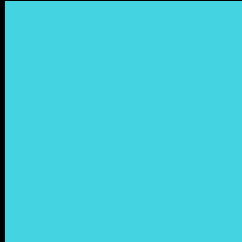
Large Text (above 18pt) WCAG AA × Fail

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 39.5180, 53.7522, 79.5266 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

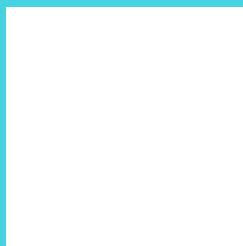
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5180, 53.7522, 79.5266

Background



This preview shows how black text looks on a background with the XYZ color 39.5180, 53.7522, 79.5266.



This preview shows how white text looks on a background with the XYZ color 39.5180, 53.7522,

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

39.5180, 53.7522, 79.5266

Protanopia

51.6239, 52.9119, 69.1202

Deuteranopia

54.0044, 52.8861, 82.2246



Tritanopia

39.9629, 53.5478, 82.3582

Trichromacy



Original Color

39.5180, 53.7522, 79.5266



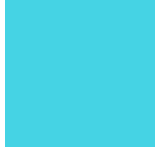
Protanomaly

44.6722, 51.9157, 72.6320



Deuteranomaly

46.0025, 51.7370, 80.9604



Tritanomaly

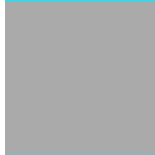
39.7521, 53.4552, 81.6215

Monochromacy



Original Color

39.5180, 53.7522, 79.5266



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

36.3161, 43.4022, 55.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5180, 53.7522, 79.5266 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(68, 212, 225)` looks like.

```
.text, #text, p{  
    color:rgb(68, 212, 225)  
}
```

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(68, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 212, 225) }
```

Border

The CSS property to change the border of an element to XYZ 39.5180, 53.7522, 79.5266 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(68, 212, 225) }
```


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

```
.border{ border-color:rgb(68, 212, 225) }
```

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

Here you see how a box with a 4 pixel rgb(68, 212, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 212, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 212, 225);  
box-shadow:4px 4px 4px 4px rgb(68, 212,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5180, 53.7522, 79.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 212, 225) }
```

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

```
.background{ background-color: rgb(68, 212,  
225) }
```

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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