

Converting Colors

XYZ(39.0488, 51.4155, 78.3537)

Have a look what the booklet for
XYZ(39.0488, 51.4155, 78.3537)
contains.

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Color

**XYZ(39.0055, 51.3183,
78.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	52CEE0
RGB	82, 206, 224
RGB Percent	32%, 81%, 88%
CMY	0.6784, 0.1921, 0.1216
CMYK	0.63, 0.08, 0.00, 0.12
HSL	188°, 70%, 60%
HSV	188°, 63%, 88%
XYZ	39.0055, 51.3183, 78.3706
YIQ	170.9760, -79.6820, -20.6900

Conversions

Conversions Part 2

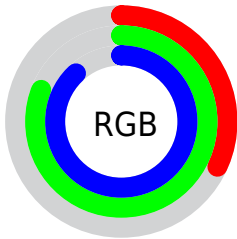
Format	Color
R _Y B	82, 148, 224
Decimal	5426912
CIE Lab	76.87, -28.74, -19.11
CIE LCh	77, 34.520, 213.622
Yxy	51.3183, 0.2312, 0.3042
Android (android.graphics.Color)	4283616992 (0xFF52CEE0)
YUV	170.9760, 26.1408, -78.0320
Hunter-Lab	71.6368, -28.1730, -14.7175

Details

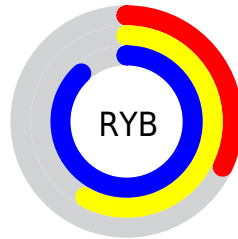
The XYZ color **39.0055, 51.3183, 78.3706** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.8218, 25.5722, 10.9793**, and the grayscale version is **38.5999, 40.6101, 44.2244**.

A 20% lighter version of the original color is **65.4871, 84.7597, 107.5165**, and **18.2280, 24.9978, 41.4005** is the 20% darker color. If you saturate the color by 10%, you get **36.6892, 49.1197, 78.0693**, and if you desaturate by 10%, it is **41.9729, 53.8731, 78.7083**.

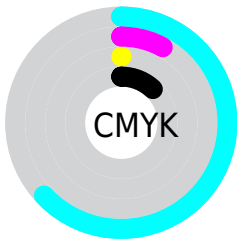
Distribution



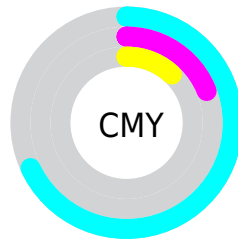
- Red (32%)
- Green (81%)
- Blue (88%)



- Red (32%)
- Yellow (58%)
- Blue (88%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0055, 51.3183, 78.3706 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 39.0055, 51.3183, 78.3706 by changing the saturation by 10% instead.

39.0055, 51.3183,
78.3706

39.0055, 51.3183,
78.3706

333.1206,
391.7992, 508.9857

26.9448, 36.4620,
57.8602

72.9407, 92.1251,
132.8630

17.6681, 24.7912,
41.2823

95.5459, 118.8444,
167.6822

10.8102, 15.9216,
28.2184

122.3967,
150.2868, 208.1080

6.0057, 9.4687,
18.2499

153.8583,
186.8367, 254.5590

2.8892, 5.0481,
10.9582

190.2961,
228.8785, 307.4537

1.0955, 2.2755,
5.9249

232.0756,

0.0213, 0.7607,

276.7965, 367.2107

2.7314

279.5619,
330.9753, 434.2485

■ 0.0000, 0.0000,
0.9592

■ 0.0000, 0.0000,
0.0000

■ 39.0055, 51.3183,
78.3706

■ 39.0055, 51.3183,
78.3706

■ 36.6892, 49.1197,
78.0693

■ 41.9729, 53.8731,
78.7083

■ 34.9547, 47.2382,
77.7975


■ 45.6425, 56.8072,
79.0812


■ 33.7252, 45.6351,
77.5529


■ 50.0657, 60.1483,
79.4930


■ 33.1065, 44.6854,
77.4022


■ 55.2878, 63.9199,
79.9457

 61.3505, 68.1435,
80.4414

 68.2924, 72.8392,
80.9819

 76.1498, 78.0257,
81.5689

 82.6359, 82.5242,
82.0953

 83.4267, 84.1058,
82.3589

Harmonies

Analogous

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



37.2360, 51.3183, 58.1911



39.0055, 51.3183, 78.3706



43.3823, 51.3183, 94.9078

Triad

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



39.0055, 51.3183, 78.3706



60.9769, 51.3183, 73.5197



47.9837, 51.3183, 27.0141

Complementary

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



39.0055, 51.3183, 78.3706



36.8218, 25.5722, 10.9793

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.



54.6003, 51.3183, 29.3517



39.0055, 51.3183, 78.3706



62.4846, 51.3183, 53.6249

Square

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



39.0055, 51.3183, 78.3706



56.1024, 51.3183, 91.6948



60.0565, 51.3183, 38.1604



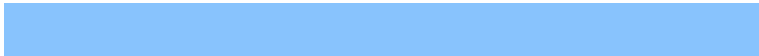
42.1179, 51.3183, 30.8632

Rectangle

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



39.0055, 51.3183, 78.3706



47.3881, 51.3183, 100.0354



60.0565, 51.3183, 38.1604



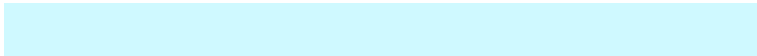
50.1917, 51.3183, 27.1075

Sweetspot

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



39.0071, 51.3202, 78.3718



77.4886, 88.0848, 107.5257



32.3681, 55.9989, 20.8006



16.0998, 18.5128, 22.9747



0.0000, 0.0000, 0.0000



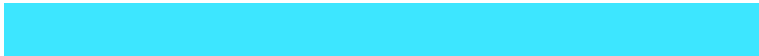
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0071, 51.3202, 78.3718



48.4049, 65.0547, 104.6134



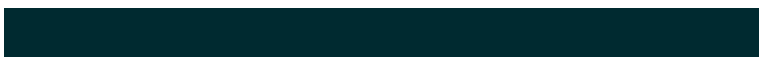
25.8010, 24.9081, 73.9698



13.9606, 15.2603, 17.5974



19.3291, 26.1278, 45.0728



1.3818, 1.8951, 3.1382

Inverse Universe

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



44.8997, 26.3396, 61.1121



57.2636, 30.3565, 78.0251



46.5584, 45.0454, 14.2248



14.2163, 13.9042, 16.9094



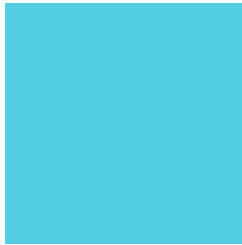
23.6966, 11.5457, 31.3979



1.6637, 0.8088, 2.2880

Previews

White Background



This preview shows how the XYZ color 39.0055, 51.3183, 78.3706 looks on a white background.

Color Contrast Check

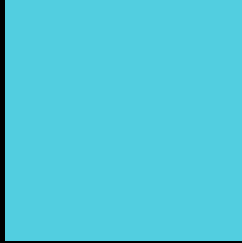
Large Text (above 18pt) WCAG AA × Fail

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 39.0055, 51.3183, 78.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

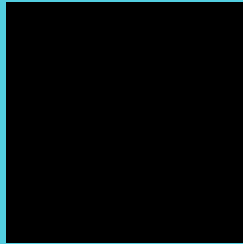
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0055, 51.3183, 78.3706

Background



This preview shows how black text looks on a background with the XYZ color 39.0055, 51.3183, 78.3706.



This preview shows how white text looks on a background with the XYZ color 39.0055, 51.3183,

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

39.0055, 51.3183, 78.3706

Protanopia

49.6616, 50.6084, 69.4383

Deuteranopia

51.7769, 50.5029, 81.1478



Tritanopia

38.7839, 51.2197, 77.6543

Trichromacy



Original Color

39.0055, 51.3183, 78.3706



Protanomaly

43.8992, 49.8373, 72.2716



Deuteranomaly

45.1092, 49.6349, 79.8760



Tritanomaly

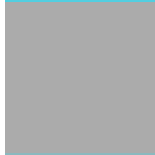
38.7839, 51.2197, 77.6543

Monochromacy



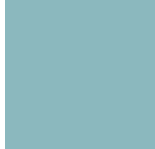
Original Color

39.0055, 51.3183, 78.3706



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

37.0822, 43.4877, 55.1547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0055, 51.3183, 78.3706 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(82, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(82, 206, 224)  
}
```

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(82, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 206, 224) }
```

Border

The CSS property to change the border of an element to XYZ 39.0055, 51.3183, 78.3706 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(82, 206, 224) }
```


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

```
.border{ border-color:rgb(82, 206, 224) }
```

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

Here you see how a box with a 4 pixel rgb(82, 206, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(82, 206,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0055, 51.3183, 78.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 206, 224) }
```

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

```
.background{ background-color: rgb(82, 206,  
224) }
```

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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