

Converting Colors

XYZ(39.2470, 51.8013, 78.4511)

Have a look what the booklet for
XYZ(39.2470, 51.8013, 78.4511)
contains.

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Color

**XYZ(39.2470, 51.8013,
78.4511)**

Conversions

Conversions Part 1

Format	Color
Hex	52CFE0
RGB	82, 207, 224
RGB Percent	32%, 81%, 88%
CMY	0.6784, 0.1882, 0.1216
CMYK	0.63, 0.08, 0.00, 0.12
HSL	187°, 70%, 60%
HSV	187°, 63%, 88%
XYZ	39.2470, 51.8013, 78.4511
YIQ	171.5630, -79.9570, -21.2130

Conversions

Conversions Part 2

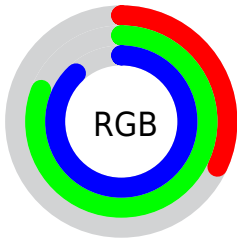
Format	Color
RYB	82, 148, 224
Decimal	5427168
CIELab	77.16, -29.23, -18.67
CIELCh	77, 34.687, 212.572
Yxy	51.8013, 0.2315, 0.3056
Android (android.graphics.Color)	4283617248 (0xFF52CFE0)
YUV	171.5630, 25.8514, -78.5468
Hunter-Lab	71.9731, -28.6168, -14.2452

Details

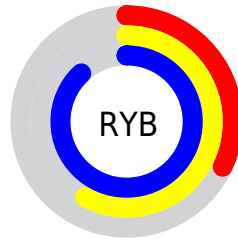
The XYZ color **39.2470, 51.8013, 78.4511** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.7265, 25.3815, 10.9475**, and the grayscale version is **38.8963, 40.9220, 44.5640**.

A 20% lighter version of the original color is **65.6641, 84.8510, 107.5248**, and **18.3897, 25.3210, 41.4543** is the 20% darker color. If you saturate the color by 10%, you get **36.9639, 49.6691, 78.1608**, and if you desaturate by 10%, it is **42.1799, 54.2870, 78.7773**.

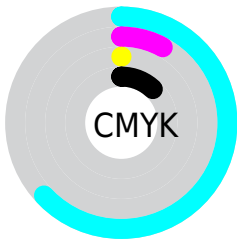
Distribution



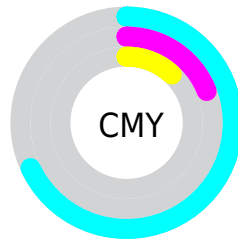
- Red (32%)
- Green (81%)
- Blue (88%)



- 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 39.2470, 51.8013, 78.4511 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 39.2470, 51.8013, 78.4511 by changing the saturation by 10% instead.

■ 39.2470, 51.8013,
78.4511

■ 39.2470, 51.8013,
78.4511

334.1286,
393.6690, 509.2659

■ 27.1335, 36.8467,
57.9260

■ 73.3072, 92.8381,
132.9775

■ 17.8106, 25.0888,
41.3348

■ 95.9845, 119.6892,
167.8158

■ 10.9130, 16.1433,
28.2591

■ 122.9139,
151.2745, 208.2623

■ 6.0752, 9.6256,
18.2804

■ 154.4607,
187.9785, 254.7355

■ 2.9320, 5.1514,
10.9799

190.9902,
230.1855, 307.6539

■ 1.1179, 2.3364,
5.9393

232.8678,

■ 0.0400, 0.7929,

278.2801, 367.4361

2.7400

280.4588,
332.6464, 434.5006

■ 0.0000, 0.0000,
0.9635

■ 0.0000, 0.0000,
0.0000

■ 39.2470, 51.8013,
78.4511

■ 39.2470, 51.8013,
78.4511

■ 36.9639, 49.6691,
78.1608

■ 42.1799, 54.2870,
78.7773

■ 35.2613, 47.8514,
77.8997

■ 45.8136, 57.1494,
79.1382

■ 34.0625, 46.3096,
77.6653

■ 50.1997, 60.4162,
79.5376

■ 33.4632, 45.3989,
77.5211

■ 55.3833, 64.1107,
79.9775

■ 61.4060, 68.2546,
80.4599

■ 68.3067, 72.8677,
80.9867

■ 76.1215, 77.9690,
81.5594

■ 82.5636, 82.3796,
82.0712

■ 83.3090, 83.8704,
82.3197

Harmonies

Analogous

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



37.5576, 51.8013, 58.0587



39.2470, 51.8013, 78.4511



43.5891, 51.8013, 95.4507

Triad

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



39.2470, 51.8013, 78.4511



61.4510, 51.8013, 74.9646



48.6652, 51.8013, 27.2074

Complementary

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



39.2470, 51.8013, 78.4511



36.7265, 25.3815, 10.9475

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.



55.3498, 51.8013, 29.7887



39.2470, 51.8013, 78.4511



63.1135, 51.8013, 54.7787

Square

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



39.2470, 51.8013, 78.4511



56.4290, 51.8013, 93.1406



60.7896, 51.8013, 38.9288



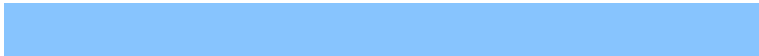
42.6810, 51.8013, 30.8731

Rectangle

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



39.2470, 51.8013, 78.4511



47.6045, 51.8013, 100.9507



60.7896, 51.8013, 38.9288



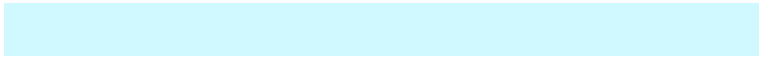
50.9035, 51.8013, 27.3737

Sweetspot

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



39.2486, 51.8032, 78.4523



77.5941, 88.2958, 107.5609



32.3681, 55.9989, 20.8006



16.1257, 18.5645, 22.9833



0.0000, 0.0000, 0.0000



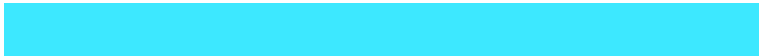
20.3446, 21.4041, 23.3091

Same Dimension

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



39.2486, 51.8032, 78.4523



48.7872, 65.8192, 104.7408



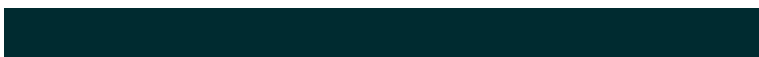
25.8010, 24.9081, 73.9698



13.9692, 15.2775, 17.6003



19.5341, 26.5377, 45.1411



1.3940, 1.9196, 3.1423

Inverse Universe

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



45.0216, 26.3883, 61.7541



57.4565, 30.4337, 79.0412



46.5584, 45.0454, 14.2248



14.2207, 13.9059, 16.9322



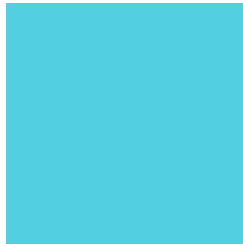
23.8001, 11.5870, 31.9427



1.6699, 0.8112, 2.3206

Previews

White Background



This preview shows how the XYZ color 39.2470, 51.8013, 78.4511 looks on a white background.

Color Contrast Check

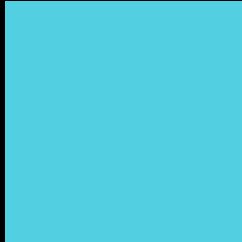
Large Text (above 18pt) WCAG AA × Fail

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 39.2470, 51.8013, 78.4511 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 39.2470, 51.8013, 78.4511

Background



This preview shows how black text looks on a background with the XYZ color 39.2470, 51.8013, 78.4511.



This preview shows how white text looks on a background with the XYZ color 39.2470, 51.8013,

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

39.2470, 51.8013, 78.4511

Protanopia

49.9908, 51.1087, 68.8582

Deuteranopia

52.2309, 51.0464, 81.2288



Tritanopia

39.2470, 51.8013, 78.4511

Trichromacy



Original Color

39.2470, 51.8013, 78.4511



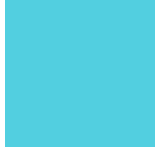
Protanomaly

44.1225, 50.2840, 72.3460



Deuteranomaly

45.3295, 50.0755, 79.9495



Tritanomaly

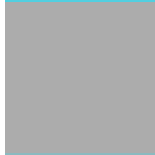
39.2470, 51.8013, 78.4511

Monochromacy



Original Color

39.2470, 51.8013, 78.4511



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.4004, 43.9485, 55.8019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2470, 51.8013, 78.4511 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, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(82, 207, 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, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 207, 224) }
```

Border

The CSS property to change the border of an element to XYZ 39.2470, 51.8013, 78.4511 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, 207, 224) }
```


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

```
.border{ border-color:rgb(82, 207, 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, 207, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(82, 207,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2470, 51.8013, 78.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 207, 224) }
```

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

```
.background{ background-color: rgb(82, 207,  
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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