

Converting Colors

XYZ(34.3394, 48.6886, 98.0009)

Have a look what the booklet for
XYZ(34.3394, 48.6886, 98.0009)
contains.

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Color

**XYZ(39.5681, 51.5278,
98.3029)**

Conversions

Conversions Part 1

Format	Color
Hex	00CFFA
RGB	0, 207, 250
RGB Percent	0%, 81%, 98%
CMY	0.9997, 0.1882, 0.0196
CMYK	1.00, 0.17, 0.00, 0.02
HSL	190°, 100%, 49%
HSV	190°, 100%, 98%
XYZ	39.5681, 51.5278, 98.3029
YIQ	150.0090, -137.1750, -30.5110

Conversions

Conversions Part 2

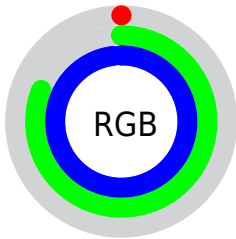
Format	Color
RYB	0, 113, 250
Decimal	53242
CIELab	77.00, -27.51, -32.96
CIELCh	77, 42.932, 230.149
Yxy	51.5278, 0.2089, 0.2721
Android (android.graphics.Color)	4278243322 (0xFF00CFFA)
YUV	150.0090, 49.2956, -131.5579
Hunter-Lab	71.7829, -27.2274, -30.9466

Details

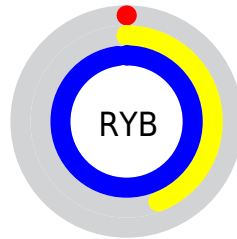
The XYZ color **39.5681, 51.5278, 98.3029** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **40.2914, 22.0569, 2.1357**, and the grayscale version is **28.8416, 30.3436, 33.0441**.

A 20% lighter version of the original color is **60.7494, 82.3174, 107.2948**, and **20.8539, 26.3067, 54.4307** is the 20% darker color. If you saturate the color by 10%, you get **39.5662, 51.5236, 98.3032**, and if you desaturate by 10%, it is **41.0279, 53.8493, 98.6751**.

Distribution



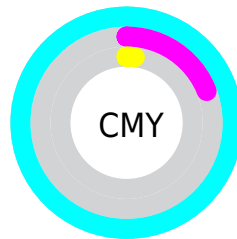
- Red (0%)
- Green (81%)
- Blue (98%)



- Red (0%)
- Yellow (44%)
- Blue (98%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)





- Cyan (100%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5681, 51.5278, 98.3029 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 39.5681, 51.5278, 98.3029 by changing the saturation by 10% instead.


 39.5681, 51.5278,
98.3029


 39.5681, 51.5278,
98.3029


335.4655,
392.6109, 575.9379

 27.3847, 36.6288,
74.2750


 73.7939, 92.4345,
160.8545


 18.0004, 24.9202,
54.5210


 96.5670, 119.2110,
200.2153


 11.0500, 16.0176,
38.6223


 123.6007,
150.7154, 245.5241

 6.1680, 9.5366,
26.1605

 155.2603,
187.3322, 297.1995

 2.9891, 5.0928,
16.7169

 191.9113,
229.4458, 355.6601

 1.1480, 2.3018,
9.8730

233.9189,

 0.0647, 0.7747,

277.4405, 421.3243

5.2104

281.6485,
331.7007, 494.6107

■ 0.0000, 0.0000,
2.3103

■ 0.0000, 0.0000,
0.7370

■ 39.5681, 51.5278,
98.3029

■ 39.5681, 51.5278,
98.3029

■ 39.5662, 51.5236,
98.3032

■ 41.0279, 53.8493,
98.6751

■ 43.0289, 56.4915,
99.0796

■ 45.7309, 59.5377,
99.5252

■ 49.2297, 63.0379,
100.0164

■ 53.6061, 67.0338,
100.5570

■ 58.9304, 71.5622,
101.1505

■ 65.2659, 76.6559,
101.7997

■ 72.6700, 82.3449,
102.5076

■ 81.1962, 88.6570,
103.2765

Harmonies

Analogous

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



35.6381, 51.5278, 73.1044



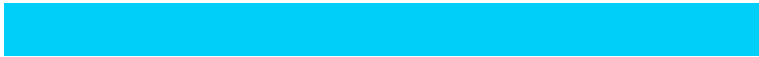
39.5681, 51.5278, 98.3029



46.3323, 51.5278, 113.2517

Triad

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



39.5681, 51.5278, 98.3029



66.1734, 51.5278, 64.1744



43.7527, 51.5278, 23.5398

Complementary

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



39.5681, 51.5278, 98.3029



40.2914, 22.0569, 2.1357

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.



51.7176, 51.5278, 22.3860



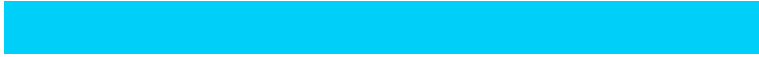
39.5681, 51.5278, 98.3029



65.2840, 51.5278, 41.9691

Square

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



39.5681, 51.5278, 98.3029



62.0770, 51.5278, 90.2225



59.7673, 51.5278, 28.1312



37.8609, 51.5278, 31.8975

Rectangle

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



39.5681, 51.5278, 98.3029



51.8010, 51.5278, 113.1869



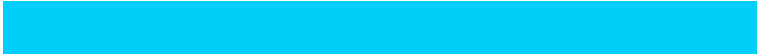
59.7673, 51.5278, 28.1312



46.2549, 51.5278, 22.4080

Sweetspot

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



39.5698, 51.5296, 98.3042



68.2293, 80.1527, 106.4827



34.5998, 68.5376, 13.5700



13.9773, 16.6591, 22.7288



0.0000, 0.0000, 0.0000



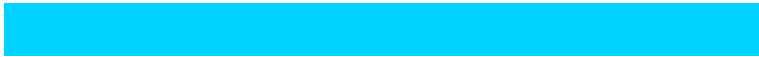
20.3446, 21.4041, 23.3091

Same Dimension

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



39.5698, 51.5296, 98.3042



41.3766, 53.8732, 102.8255



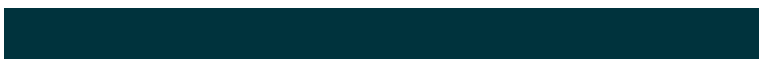
20.3786, 13.1472, 91.9071



17.4968, 19.0705, 22.1441



21.0809, 27.5174, 52.1739



2.0172, 2.6781, 4.8538

Inverse Universe

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



50.6883, 24.8308, 61.1545



53.0142, 25.9697, 63.9320



53.1871, 47.8483, 6.4343



17.8573, 17.4703, 21.1044



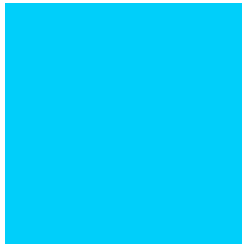
26.9327, 13.1888, 32.6836



2.5271, 1.2346, 3.1992

Previews

White Background



This preview shows how the XYZ color 39.5681, 51.5278, 98.3029 looks on a white background.

Color Contrast Check

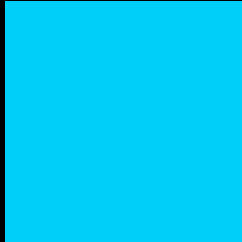
Large Text (above 18pt) WCAG AA × Fail

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 39.5681, 51.5278, 98.3029 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 39.5681, 51.5278, 98.3029

Background



This preview shows how black text looks on a background with the XYZ color 39.5681, 51.5278, 98.3029.



This preview shows how white text looks on a background with the XYZ color 39.5681, 51.5278,

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

39.5681, 51.5278, 98.3029

Protanopia

50.8972, 50.8859, 85.7367

Deuteranopia

52.1865, 50.8839, 101.6788



Tritanopia

36.7741, 51.5842, 79.9701

Trichromacy



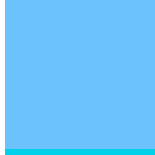
Original Color

39.5681, 51.5278, 98.3029



Protanomaly

41.8300, 48.3856, 89.5727



Deuteranomaly

43.2058, 48.8636, 100.0829



Tritanomaly

37.7959, 51.5991, 86.5648

Monochromacy



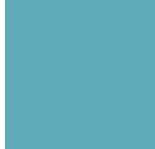
Original Color

39.5681, 51.5278, 98.3029



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

28.1452, 35.1039, 51.7467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5681, 51.5278, 98.3029 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(0, 207, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 250)  
}
```

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(0, 207, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 250) }
```

Border

The CSS property to change the border of an element to XYZ 39.5681, 51.5278, 98.3029 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(0, 207, 250) }
```


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

```
.border{ border-color:rgb(0, 207, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5681, 51.5278, 98.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 250) }
```

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

```
.background{ background-color: rgb(0, 207,  
250) }
```

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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