

Converting Colors

XYZ(29.2765, 48.2073, 90.7476)

Have a look what the booklet for
XYZ(29.2765, 48.2073, 90.7476)
contains.

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Color

**XYZ(39.4207, 53.4378,
91.4559)**

Conversions

Conversions Part 1

Format	Color
Hex	00D4F1
RGB	0, 212, 241
RGB Percent	0%, 83%, 95%
CMY	0.9997, 0.1686, 0.0549
CMYK	1.00, 0.12, 0.00, 0.05
HSL	187°, 100%, 47%
HSV	187°, 100%, 95%
XYZ	39.4207, 53.4378, 91.4559
YIQ	151.9180, -135.6610, -35.9250

Conversions

Conversions Part 2

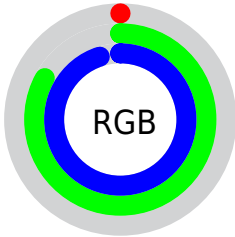
Format	Color
RYB	0, 113, 241
Decimal	54513
CIELab	78.13, -32.87, -26.41
CIELCh	78, 42.161, 218.778
Yxy	53.4378, 0.2139, 0.2899
Android (android.graphics.Color)	4278244593 (0xFF00D4F1)
YUV	151.9180, 43.9174, -133.2321
Hunter-Lab	73.1012, -31.6687, -23.0061

Details

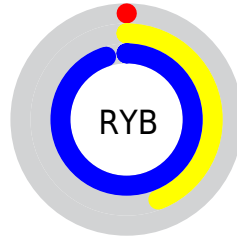
The XYZ color **39.4207, 53.4378, 91.4559** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **36.7176, 19.5834, 1.8468**, and the grayscale version is **29.6782, 31.2238, 34.0027**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **20.8139, 27.6167, 50.1325** is the 20% darker color. If you saturate the color by 10%, you get **39.4193, 53.4348, 91.4564**, and if you desaturate by 10%, it is **40.5340, 55.0990, 91.7189**.

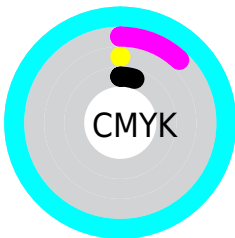
Distribution



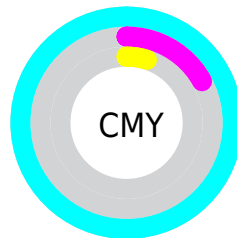
- Red (0%)
- Green (83%)
- Blue (95%)



- Red (0%)
- Yellow (44%)
- Blue (95%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4207, 53.4378, 91.4559 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 39.4207, 53.4378, 91.4559 by changing the saturation by 10% instead.

39.4207, 53.4378,
91.4559

39.4207, 53.4378,
91.4559

334.8523,
399.9625, 553.4474

27.2694, 38.1524,
68.6083

73.5705, 95.2483,
151.3122

17.9133, 26.1010,
49.9230

96.2997, 122.5421,
189.1580

10.9870, 16.8992,
34.9815

123.2856,
154.6076, 232.8402

6.1253, 10.1626,
23.3652

154.8935,
191.8290, 282.7775

2.9628, 5.5069,
14.6555

191.4887,
234.5908, 339.3883

1.1341, 2.5477,
8.4341

233.4367,

0.0534, 0.9004,

283.2774, 403.0912

4.2822

281.1028,
338.2732, 474.3047

■ 0.0000, 0.0000,
1.7814

■ 0.0000, 0.0000,
0.4156

■ 39.4207, 53.4378,
91.4559

■ 39.4207, 53.4378,
91.4559

■ 39.4193, 53.4348,
91.4564

■ 40.5340, 55.0990,
91.7189

■ 42.1299, 57.0273,
92.0070

■ 44.3564, 59.3003,
92.3284

■ 47.3010, 61.9631,
92.6871

■ 51.0372, 65.0537,
93.0868

■ 55.6292, 68.6053,
93.5303

■ 61.1345, 72.6477,
94.0204

■ 67.6057, 77.2081,
94.5595

■ 75.0914, 82.3115,
95.1501

Harmonies

Analogous

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



36.6952, 53.4378, 65.3827



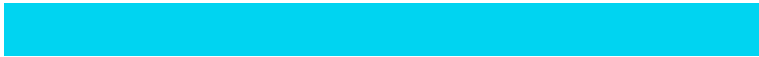
39.4207, 53.4378, 91.4559



45.2726, 53.4378, 111.5172

Triad

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



39.4207, 53.4378, 91.4559



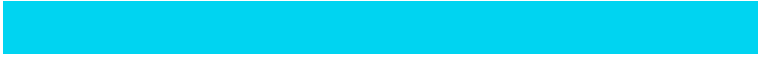
67.0263, 53.4378, 76.1906



48.4129, 53.4378, 23.8914

Complementary

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



39.4207, 53.4378, 91.4559



36.7176, 19.5834, 1.8468

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.



56.7406, 53.4378, 25.3245



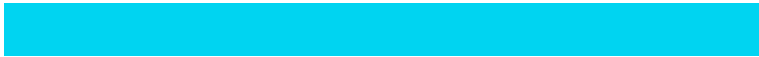
39.4207, 53.4378, 91.4559



68.1007, 53.4378, 51.5353

Square

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



39.4207, 53.4378, 91.4559



61.3668, 53.4378, 101.1769



64.1611, 53.4378, 34.1548



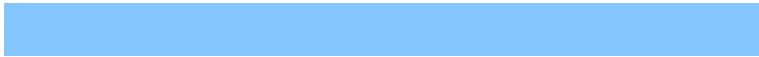
41.5059, 53.4378, 29.5103

Rectangle

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



39.4207, 53.4378, 91.4559



50.4541, 53.4378, 116.3131



64.1611, 53.4378, 34.1548



51.1294, 53.4378, 23.6048

Sweetspot

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



39.4224, 53.4397, 91.4572



69.4177, 82.5295, 106.8788



31.6684, 62.9965, 11.6005



14.2649, 17.2344, 22.8247



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.



39.4224, 53.4397, 91.4572



44.7884, 60.6968, 103.9628



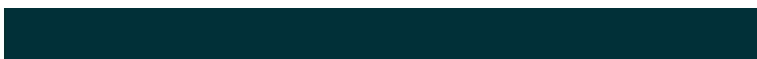
19.7427, 14.0803, 84.8973



16.0755, 17.5852, 20.2686



21.4425, 29.1093, 49.6164



1.8292, 2.5123, 4.1427

Inverse Universe

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



48.1609, 23.4562, 64.2782



54.7363, 26.6585, 73.0006



46.9679, 40.0841, 5.2636



16.3676, 15.9967, 19.4918



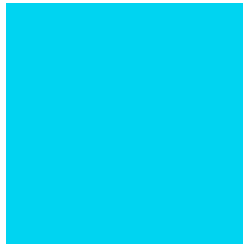
26.1488, 12.7320, 35.0299



2.1982, 1.0683, 3.0347

Previews

White Background



This preview shows how the XYZ color 39.4207, 53.4378, 91.4559 looks on a white background.

Color Contrast Check

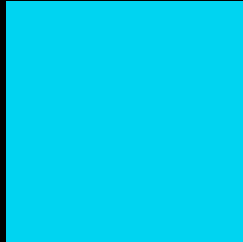
Large Text (above 18pt) WCAG AA × Fail

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 39.4207, 53.4378, 91.4559 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 39.4207, 53.4378, 91.4559

Background



This preview shows how black text looks on a background with the XYZ color 39.4207, 53.4378, 91.4559.

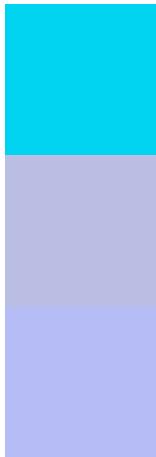


This preview shows how white text looks on a background with the XYZ color 39.4207, 53.4378,

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

39.4207, 53.4378, 91.4559

Protanopia

52.1485, 52.6322, 79.3620

Deuteranopia

53.6738, 52.4440, 94.4826



Tritanopia

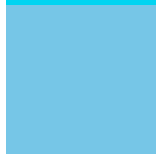
38.0772, 53.3017, 83.1443

Trichromacy



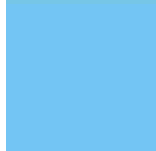
Original Color

39.4207, 53.4378, 91.4559



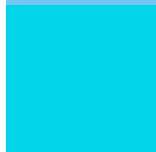
Protanomaly

42.0891, 50.0092, 83.0357



Deuteranomaly

43.3656, 50.1090, 92.9743



Tritanomaly

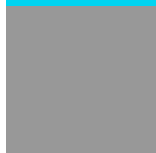
38.6455, 53.5290, 86.1372

Monochromacy



Original Color

39.4207, 53.4378, 91.4559



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

28.7175, 36.2742, 50.8354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4207, 53.4378, 91.4559 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, 212, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 241)  
}
```

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, 212, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 241) }
```

Border

The CSS property to change the border of an element to XYZ 39.4207, 53.4378, 91.4559 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, 212, 241) }
```


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

```
.border{ border-color:rgb(0, 212, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 212, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4207, 53.4378, 91.4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 212, 241) }
```

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

```
.background{ background-color: rgb(0, 212,  
241) }
```

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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