

Converting Colors

XYZ(39.9417, 54.1801, 92.5541)

Have a look what the booklet for
XYZ(39.9417, 54.1801, 92.5541)
contains.

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Color

**XYZ(39.8213, 53.9993,
92.3285)**

Conversions

Conversions Part 1

Format	Color
Hex	00D5F2
RGB	0, 213, 242
RGB Percent	0%, 84%, 95%
CMY	0.9997, 0.1647, 0.0510
CMYK	1.00, 0.12, 0.00, 0.05
HSL	187°, 100%, 47%
HSV	187°, 100%, 95%
XYZ	39.8213, 53.9993, 92.3285
YIQ	152.6190, -136.2570, -36.1370

Conversions

Conversions Part 2

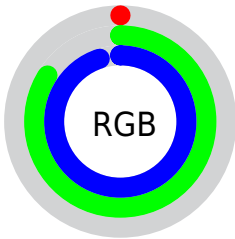
Format	Color
RYB	0, 113, 242
Decimal	54770
CIELab	78.46, -33.03, -26.44
CIELCh	78, 42.304, 218.678
Yxy	53.9993, 0.2139, 0.2901
Android (android.graphics.Color)	4278244850 (0xFF00D5F2)
YUV	152.6190, 44.0648, -133.8469
Hunter-Lab	73.4842, -31.8677, -23.0554

Details

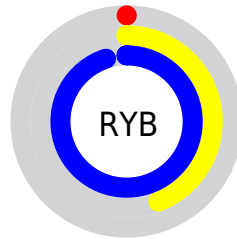
The XYZ color **39.8213, 53.9993, 92.3285** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **37.0599, 19.7598, 1.8628**, and the grayscale version is **29.9800, 31.5413, 34.3485**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **21.0898, 27.9989, 50.7472** is the 20% darker color. If you saturate the color by 10%, you get **39.8200, 53.9964, 92.3291**, and if you desaturate by 10%, it is **40.9415, 55.6707, 92.5931**.

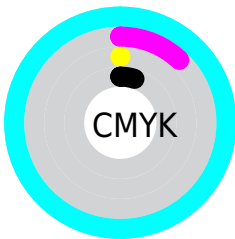
Distribution



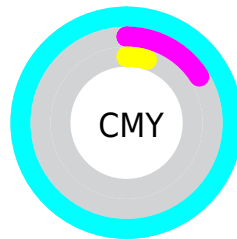
- Red (0%)
- Green (84%)
- Blue (95%)



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



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





- Cyan (100%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8213, 53.9993, 92.3285 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 39.8213, 53.9993, 92.3285 by changing the saturation by 10% instead.


 39.8213, 53.9993,
92.3285


 39.8213, 53.9993,
92.3285


336.5172,
402.1073, 556.3410


 27.5828, 38.6011,
69.3290


 74.1774, 96.0732,
152.5322

 18.1503, 26.4496,
50.5062


 97.0257, 123.5177,
190.5735


 11.1583, 17.1603,
35.4418


 124.1414,
155.7465, 234.4658

 6.2415, 10.3488,
23.7171

 155.8897,
193.1438, 284.6276

 3.0345, 5.6308,
14.9137

 192.6361,
236.0942, 341.4775

 1.1720, 2.6219,
8.6129

234.7459,

 0.0841, 0.9377,

284.9820, 405.4340

4.3962

282.5845,
340.1916, 476.9156

■ 0.0000, 0.0000,
1.8451

■ 0.0000, 0.0000,
0.4575

■ 39.8213, 53.9993,
92.3285

■ 39.8213, 53.9993,
92.3285

■ 39.8200, 53.9964,
92.3291

■ 40.9415, 55.6707,
92.5931

■ 42.5490, 57.6117,
92.8831

■ 44.7931, 59.9005,
93.2066

■ 47.7621, 62.5827,
93.5678

■ 51.5304, 65.6967,
93.9702

■ 56.1627, 69.2759,
94.4170

■ 61.7172, 73.3506,
94.9107

■ 68.2471, 77.9481,
95.4539

■ 75.8013, 83.0938,
96.0490

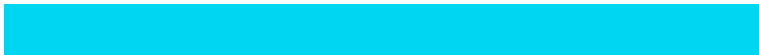
Harmonies

Analogous

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



37.0787, 53.9993, 65.9836



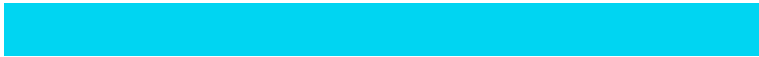
39.8213, 53.9993, 92.3285



45.7248, 53.9993, 112.6372

Triad

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



39.8213, 53.9993, 92.3285



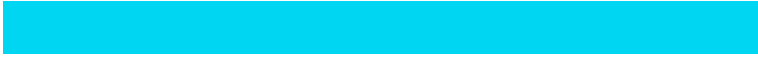
67.7165, 53.9993, 77.0782



48.9485, 53.9993, 24.1384

Complementary

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



39.8213, 53.9993, 92.3285



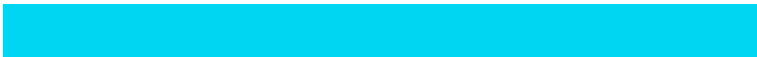
37.0599, 19.7598, 1.8628

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.



57.3641, 53.9993, 25.6098



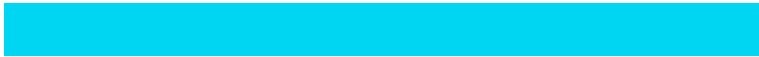
39.8213, 53.9993, 92.3285



68.8194, 53.9993, 52.1504

Square

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



39.8213, 53.9993, 92.3285



61.9857, 53.9993, 102.3068



64.8541, 53.9993, 34.5596



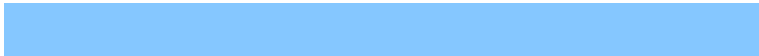
41.9620, 53.9993, 29.7911

Rectangle

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



39.8213, 53.9993, 92.3285



50.9566, 53.9993, 117.5247



64.8541, 53.9993, 34.5596



51.6946, 53.9993, 23.8565

Sweetspot

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



39.8231, 54.0012, 92.3298



69.4292, 82.5526, 106.8827



31.9666, 63.5908, 11.7068



14.2677, 17.2400, 22.8256



0.0000, 0.0000, 0.0000



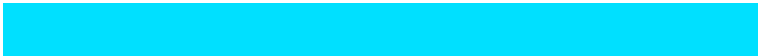
20.3446, 21.4041, 23.3091

Same Dimension

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



39.8231, 54.0012, 92.3298



44.8226, 60.7653, 103.9742



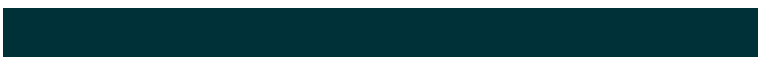
19.9260, 14.2070, 85.6975



16.0762, 17.5866, 20.2688



21.4586, 29.1414, 49.6217



1.8303, 2.5147, 4.1431

Inverse Universe

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



48.6298, 23.6833, 64.9609



54.7536, 26.6654, 73.0916



47.4077, 40.4555, 5.3121



16.3679, 15.9969, 19.4937



26.1569, 12.7352, 35.0725



2.1988, 1.0686, 3.0378

Previews

White Background



This preview shows how the XYZ color 39.8213, 53.9993, 92.3285 looks on a white background.

Color Contrast Check

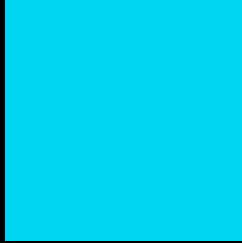
Large Text (above 18pt) WCAG AA × Fail

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 39.8213, 53.9993, 92.3285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

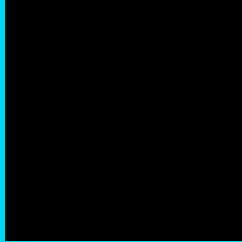
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8213, 53.9993, 92.3285

Background



This preview shows how black text looks on a background with the XYZ color 39.8213, 53.9993, 92.3285.

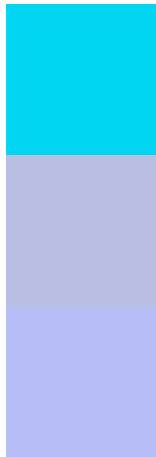


This preview shows how white text looks on a background with the XYZ color 39.8213, 53.9993,

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

39.8213, 53.9993, 92.3285

Protanopia

52.5035, 53.1219, 80.1594

Deuteranopia

54.2775, 53.0557, 95.3757



Tritanopia

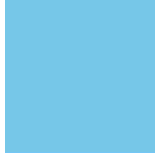
38.4704, 53.8627, 83.9702

Trichromacy



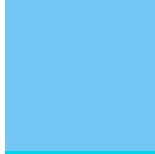
Original Color

39.8213, 53.9993, 92.3285



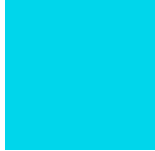
Protanomaly

42.4601, 50.5246, 83.8583



Deuteranomaly

43.8780, 50.6937, 93.8585



Tritanomaly

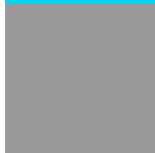
39.0420, 54.0913, 86.9802

Monochromacy



Original Color

39.8213, 53.9993, 92.3285



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

29.0167, 36.7041, 51.4542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8213, 53.9993, 92.3285 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, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 242)  
}
```

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, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 242) }
```

Border

The CSS property to change the border of an element to XYZ 39.8213, 53.9993, 92.3285 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, 213, 242) }
```


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

```
.border{ border-color:rgb(0, 213, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8213, 53.9993, 92.3285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 242) }
```

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

```
.background{ background-color: rgb(0, 213,  
242) }
```

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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