

Converting Colors

XYZ(39.7527, 53.0766, 94.1851)

Have a look what the booklet for
XYZ(39.7527, 53.0766, 94.1851)
contains.

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Color

**XYZ(39.8884, 53.2392,
94.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	09D3F5
RGB	9, 211, 245
RGB Percent	4%, 83%, 96%
CMY	0.9644, 0.1725, 0.0392
CMYK	0.96, 0.14, 0.00, 0.04
HSL	189°, 93%, 50%
HSV	189°, 96%, 96%
XYZ	39.8884, 53.2392, 94.5601
YIQ	154.4780, -131.3060, -32.2500

Conversions

Conversions Part 2

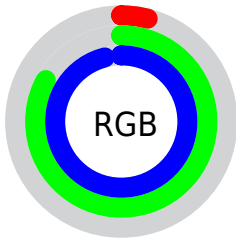
Format	Color
R _Y B	9, 118, 245
Decimal	644085
CIE Lab	78.02, -30.90, -28.72
CIE LCh	78, 42.182, 222.908
Yxy	53.2392, 0.2125, 0.2837
Android (android.graphics.Color)	4278834165 (0xFF09D3F5)
YUV	154.4780, 44.6273, -127.5842
Hunter-Lab	72.9652, -30.1072, -25.7619

Details

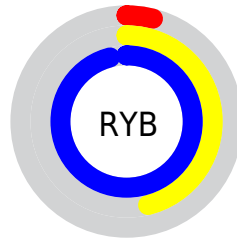
The XYZ color **39.8884, 53.2392, 94.5601** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **38.5728, 21.1656, 2.3129**, and the grayscale version is **30.7866, 32.3899, 35.2726**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **21.0738, 27.4511, 52.3320** is the 20% darker color. If you saturate the color by 10%, you get **39.4531, 52.5355, 94.4483**, and if you desaturate by 10%, it is **41.3091, 55.2891, 94.8819**.

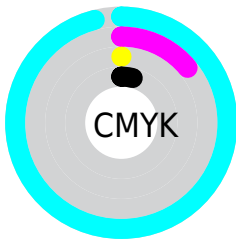
Distribution



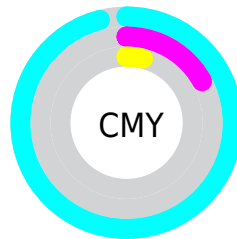
- Red (4%)
- Green (83%)
- Blue (96%)



- Red (4%)
- Yellow (46%)
- Blue (96%)



- Cyan (96%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)





- Cyan (96%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8884, 53.2392, 94.5601 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 39.8884, 53.2392, 94.5601 by changing the saturation by 10% instead.


 39.8884, 53.2392,
94.5601


 39.8884, 53.2392,
94.5601


336.7955,
399.2022, 563.7041


 27.6354, 37.9938,
71.1740


 74.2790, 94.9563,
155.6471

 18.1900, 25.9778,
52.0015


 97.1472, 122.1967,
194.1851


 11.1870, 16.8071,
36.6240


 124.2846,
154.2042, 238.6108

 6.2610, 10.0970,
24.6230

 156.0564,
191.3632, 289.3427

 3.0466, 5.4633,
15.5800

 192.8280,
234.0581, 346.7995

 1.1784, 2.5216,
9.0763

234.9649,

 0.0892, 0.8874,

282.6733, 411.3996

4.6935

282.8322,
337.5932, 483.5616

■ 0.0000, 0.0000,
2.0130

■ 0.0000, 0.0000,
0.5633

■ 39.8884, 53.2392,
94.5601

■ 39.8884, 53.2392,
94.5601

■ 39.4531, 52.5355,
94.4483

■ 41.3091, 55.2891,
94.8819

■ 43.3188, 57.6704,
95.2356

■ 46.0251, 60.4397,
95.6275

■ 49.5129, 63.6411,
96.0616

■ 53.8549, 67.3122,
96.5414

■ 59.1153, 71.4861,
97.0698

■ 65.3519, 76.1930,
97.6496

■ 72.6179, 81.4604,
98.2833

■ 80.9625, 87.3138,
98.9733

Harmonies

Analogous

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



36.7098, 53.2392, 68.6770



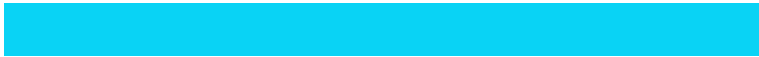
39.8884, 53.2392, 94.5601



46.0987, 53.2392, 112.8758

Triad

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



39.8884, 53.2392, 94.5601



67.2586, 53.2392, 72.3121



47.1538, 53.2392, 24.1001

Complementary

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



39.8884, 53.2392, 94.5601



38.5728, 21.1656, 2.3129

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.



55.3899, 53.2392, 24.5795



39.8884, 53.2392, 94.5601



67.6202, 53.2392, 48.4353

Square

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



39.8884, 53.2392, 94.5601



62.1409, 53.2392, 97.8342



63.0809, 53.2392, 32.2941



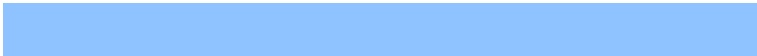
40.5885, 53.2392, 30.7382

Rectangle

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



39.8884, 53.2392, 94.5601



51.4082, 53.2392, 115.9286



63.0809, 53.2392, 32.2941



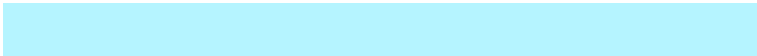
49.8048, 53.2392, 23.5006

Sweetspot

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



39.8902, 53.2411, 94.5614



69.5719, 81.9580, 106.7604



33.1585, 65.5210, 12.9543



14.2655, 17.0703, 22.7930



0.0000, 0.0000, 0.0000



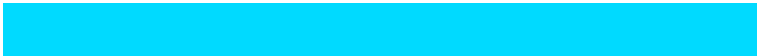
20.3446, 21.4041, 23.3091

Same Dimension

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



39.8902, 53.2411, 94.5614



43.1871, 57.4942, 103.4290



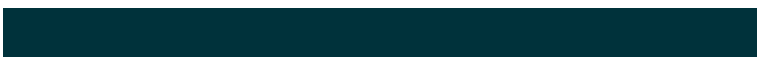
20.7399, 14.9405, 88.1780



16.7813, 18.3268, 21.1955



21.3329, 28.4597, 50.9069



1.9295, 2.6103, 4.4924

Inverse Universe

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



49.5134, 24.3130, 63.7130



53.9280, 26.3352, 68.7443



50.0177, 44.0553, 6.1278



17.1049, 16.7248, 20.2991



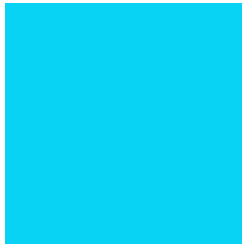
26.5724, 12.9724, 34.0522



2.3630, 1.1512, 3.1377

Previews

White Background



This preview shows how the XYZ color 39.8884, 53.2392, 94.5601 looks on a white background.

Color Contrast Check

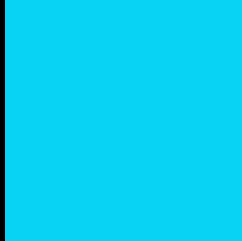
Large Text (above 18pt) WCAG AA × Fail

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 39.8884, 53.2392, 94.5601 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 39.8884, 53.2392, 94.5601

Background



This preview shows how black text looks on a background with the XYZ color 39.8884, 53.2392, 94.5601.



This preview shows how white text looks on a background with the XYZ color 39.8884, 53.2392,

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

39.8884, 53.2392, 94.5601

Protanopia

52.2248, 52.6074, 82.2646

Deuteranopia

53.5986, 52.3335, 97.7189



Tritanopia

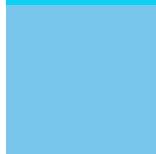
38.0772, 53.3017, 83.1443

Trichromacy



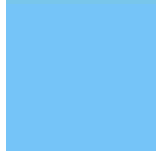
Original Color

39.8884, 53.2392, 94.5601



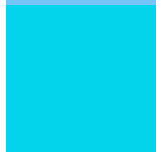
Protanomaly

42.9352, 50.3794, 86.0585



Deuteranomaly

44.0193, 50.0391, 96.1454



Tritanomaly

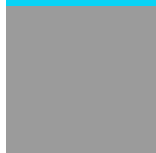
38.5764, 53.1045, 86.8143

Monochromacy



Original Color

39.8884, 53.2392, 94.5601



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.8866, 37.1156, 53.1658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8884, 53.2392, 94.5601 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(9, 211, 245)` looks like.

```
.text, #text, p{  
    color:rgb(9, 211, 245)  
}
```

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(9, 211, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 211, 245) }
```

Border

The CSS property to change the border of an element to XYZ 39.8884, 53.2392, 94.5601 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(9, 211, 245) }
```


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

```
.border{ border-color:rgb(9, 211, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 211, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 211, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 211, 245);  
box-shadow:4px 4px 4px 4px rgb(9, 211,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8884, 53.2392, 94.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 211, 245) }
```

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

```
.background{ background-color: rgb(9, 211,  
245) }
```

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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