

Converting Colors

XYZ(39.4892, 66.7182, 50.9596)

Have a look what the booklet for
XYZ(39.4892, 66.7182, 50.9596)
contains.

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Color

**XYZ(39.3921, 66.5603,
50.8156)**

Conversions

Conversions Part 1

Format	Color
Hex	00F2AE
RGB	0, 242, 174
RGB Percent	0%, 95%, 68%
CMY	0.9999, 0.0510, 0.3176
CMYK	1.00, 0.00, 0.28, 0.05
HSL	163°, 100%, 47%
HSV	163°, 100%, 95%
XYZ	39.3921, 66.5603, 50.8156
YIQ	161.8900, -122.4040, -72.4520

Conversions

Conversions Part 2

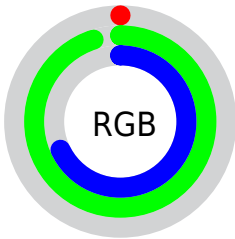
Format	Color
RYB	0, 141, 242
Decimal	62126
CIELab	85.28, -63.77, 19.49
CIELCh	85, 66.683, 163.007
Yxy	66.5603, 0.2513, 0.4246
Android (android.graphics.Color)	4278252206 (0xFF00F2AE)
YUV	161.8900, 5.9702, -141.9775
Hunter-Lab	81.5845, -56.5863, 20.1799

Details

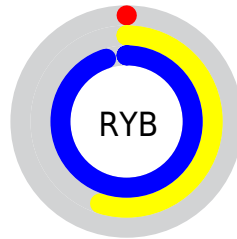
The XYZ color **39.3921, 66.5603, 50.8156** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **37.6640, 19.2963, 7.2133**, and the grayscale version is **34.3101, 36.0969, 39.3095**.

A 20% lighter version of the original color is **56.7250, 80.6779, 87.4456**, and **20.5917, 35.6615, 23.8872** is the 20% darker color. If you saturate the color by 10%, you get **39.3927, 66.5624, 50.8129**, and if you desaturate by 10%, it is **40.4558, 67.0318, 54.4164**.

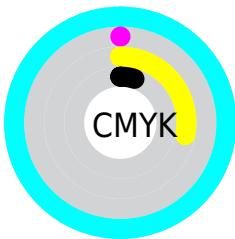
Distribution



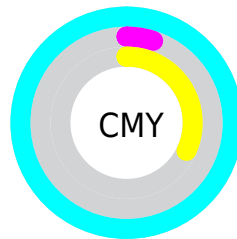
- Red (0%)
- Green (95%)
- Blue (68%)



- Red (0%)
- Yellow (55%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)





- Cyan (100%)
- Magenta (5%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3921, 66.5603, 50.8156 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 39.3921, 66.5603, 50.8156 by changing the saturation by 10% instead.


 39.3921, 66.5603,
50.8156


 39.3921, 66.5603,
50.8156

334.7332,
448.3780, 406.6730


 27.2470, 48.7274,
35.6862


 73.5272, 114.2901,
92.7908


 17.8964, 34.4033,
23.9041


 96.2478, 144.9558,
120.4737


 10.9748, 23.2036,
15.0510


 123.2244,
180.6679, 153.1782

 6.1171, 14.7439,
8.7082

 154.8222,
221.8108, 191.3228

 2.9577, 8.6398,
4.4571

 191.4067,
268.7689, 235.3260

 1.1315, 4.5070,
1.8793

233.3431,

 0.0512, 1.9610,

321.9265, 285.6064

0.4795

280.9968,
381.6681, 342.5826

■ 0.0000, 0.5847,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3921, 66.5603,
50.8156

■ 39.3921, 66.5603,
50.8156

■ 39.3927, 66.5624,
50.8129

■ 40.4558, 67.0318,
54.4164

■ 42.0271, 67.7593,
58.2173

■ 44.2562, 68.8220,
62.2293

■ 47.2320, 70.2655,
66.4588

■ 51.0289, 72.1283,
70.9118

■ 55.7123, 74.4439,
75.5936

■ 61.3409, 77.2425,
80.5092

■ 67.9679, 80.5517,
85.6635

■ 75.6427, 84.3967,
91.0608

Harmonies

Analogous

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



45.4786, 66.5603, 27.1352



39.3921, 66.5603, 50.8156



39.0128, 66.5603, 92.8111

Triad

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



39.3921, 66.5603, 50.8156



70.0152, 66.5603, 187.1986



86.9191, 66.5603, 29.3123

Complementary

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



39.3921, 66.5603, 50.8156



37.6640, 19.2963, 7.2133

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.



95.9219, 66.5603, 55.3466



39.3921, 66.5603, 50.8156



85.1688, 66.5603, 151.7187

Square

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



39.3921, 66.5603, 50.8156



55.1637, 66.5603, 184.3988



95.2348, 66.5603, 99.5461



72.1199, 66.5603, 18.5396

Rectangle

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



39.3921, 66.5603, 50.8156



41.9337, 66.5603, 127.7601



95.2348, 66.5603, 99.5461



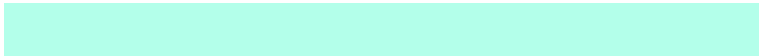
90.8216, 66.5603, 36.0016

Sweetspot

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



39.3939, 66.5629, 50.8172



69.0148, 86.9561, 90.6135



34.1787, 64.7569, 10.6988



14.1707, 18.3128, 18.8873



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.



39.3939, 66.5629, 50.8172



44.3424, 74.9530, 57.1145



34.3498, 43.0548, 90.5075



16.0469, 17.8488, 19.2697



21.2226, 35.7811, 27.6188



1.8077, 2.9935, 2.5200

Inverse Universe

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



37.6640, 19.2963, 7.2133



42.3987, 21.7235, 8.0317



37.8680, 21.3750, 2.1308



15.9554, 15.8319, 17.3212



20.2823, 10.3853, 4.1370



1.7283, 0.8804, 0.5599

Previews

White Background



This preview shows how the XYZ color 39.3921, 66.5603, 50.8156 looks on a white background.

Color Contrast Check

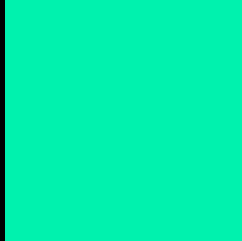
Large Text (above 18pt) WCAG AA × Fail

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 39.3921, 66.5603, 50.8156 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 39.3921, 66.5603, 50.8156

Background



This preview shows how black text looks on a background with the XYZ color 39.3921, 66.5603, 50.8156.



This preview shows how white text looks on a background with the XYZ color 39.3921, 66.5603,

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

39.3921, 66.5603, 50.8156

Protanopia

61.0035, 65.2953, 42.6457

Deuteranopia

66.5211, 65.0080, 53.8415



Tritanopia

49.5775, 66.3837, 101.4671

Trichromacy



Original Color

39.3921, 66.5603, 50.8156



Protanomaly

44.4144, 60.8885, 45.0091



Deuteranomaly

46.3775, 59.7910, 52.2765



Tritanomaly

44.6800, 66.0224, 80.2008

Monochromacy



Original Color

39.3921, 66.5603, 50.8156



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

31.1073, 42.8983, 42.7171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3921, 66.5603, 50.8156 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, 242, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 174)  
}
```

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, 242, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 174) }
```

Border

The CSS property to change the border of an element to XYZ 39.3921, 66.5603, 50.8156 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, 242, 174) }
```


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

```
.border{ border-color:rgb(0, 242, 174) }
```

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

Here you see how a box with a 4 pixel rgb(0, 242, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 242, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 242,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3921, 66.5603, 50.8156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 174) }
```

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

```
.background{ background-color: rgb(0, 242,  
174) }
```

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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