

Converting Colors

XYZ(22.3322, 43.4815, 11.0909)

Have a look what the booklet for
XYZ(22.3322, 43.4815, 11.0909)
contains.

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Color

**XYZ(22.3314, 43.4811,
11.0866)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC39
RGB	0, 204, 57
RGB Percent	0%, 80%, 22%
CMY	1.0000, 0.2000, 0.7764
CMYK	1.00, 0.00, 0.72, 0.20
HSL	137°, 100%, 40%
HSV	137°, 100%, 80%
XYZ	22.3314, 43.4811, 11.0866
YIQ	126.2460, -74.3970, -88.9650

Conversions

Conversions Part 2

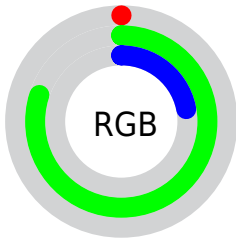
Format	Color
RYB	0, 159, 204
Decimal	52281
CIELab	71.88, -70.27, 58.13
CIELCh	72, 91.191, 140.401
Yxy	43.4811, 0.2904, 0.5654
Android (android.graphics.Color)	4278242361 (0xFF00CC39)
YUV	126.2460, -34.1383, -110.7177
Hunter-Lab	65.9402, -54.9443, 36.1896

Details

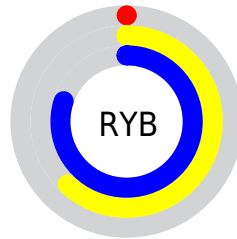
The XYZ color **22.3314, 43.4811, 11.0866** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **30.1697, 14.9448, 28.9004**, and the grayscale version is **20.0474, 21.0914, 22.9685**.

A 20% lighter version of the original color is **44.3936, 75.6329, 27.5881**, and **10.5899, 21.1798, 3.5300** is the 20% darker color. If you saturate the color by 10%, you get **22.3322, 43.4828, 11.0869**, and if you desaturate by 10%, it is **23.0507, 43.8045, 13.3209**.

Distribution



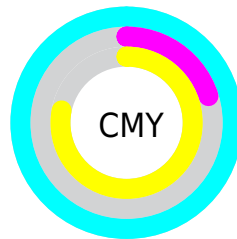
- Red (0%)
- Green (80%)
- Blue (22%)



- Red (0%)
- Yellow (62%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.3314, 43.4811, 11.0866 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 22.3314, 43.4811, 11.0866 by changing the saturation by 10% instead.


 22.3314, 43.4811,
11.0866


 22.3314, 43.4811,
11.0866


256.8720,
360.5866, 209.0194


 14.2186, 30.2628,
6.0102


 46.7679, 80.4364,
28.4593

 8.3556, 20.0381,
2.7824


 63.8223, 104.9421,
41.5927


 4.3770, 12.4228,
0.9846


 84.5879, 133.9791,
58.2488

 1.9176, 7.0323,
0.0000

 109.4301,
167.9317, 78.8462

 0.5870, 3.4823,
0.0000

 138.7143,
207.1843, 103.8034

 0.0000, 1.3884,
0.0000

172.8058,

 0.0000, 0.2082,

252.1215, 133.5390

0.0000

212.0699,
303.1274, 168.4715

■ 0.0000, 0.0000,
0.0000

■ 22.3314, 43.4811,
11.0866

■ 22.3314, 43.4811,
11.0866

■ 22.3322, 43.4828,
11.0869

■ 23.0507, 43.8045,
13.3209

■ 24.1966, 44.3333,
16.1720

■ 25.8852, 45.1278,
19.6855

■ 28.1805, 46.2202,
23.9002

■ 31.1375, 47.6380,
28.8519

■ 34.8046, 49.4056,
34.5737

■ 39.2255, 51.5449,
41.0970

■ 44.4403, 54.0758,
48.4512

■ 50.4864, 57.0172,
56.6642

Harmonies

Analogous

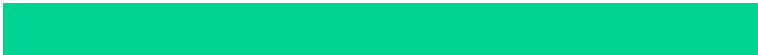
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.7715, 43.4811, 3.9212



22.3314, 43.4811, 11.0866



18.3307, 43.4811, 34.4725

Triad

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



22.3314, 43.4811, 11.0866



36.5477, 43.4811, 191.5386



76.0900, 43.4811, 23.3597

Complementary

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



22.3314, 43.4811, 11.0866



30.1697, 14.9448, 28.9004

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.



78.2957, 43.4811, 63.0754



22.3314, 43.4811, 11.0866



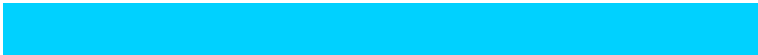
52.6298, 43.4811, 181.1566

Square

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



22.3314, 43.4811, 11.0866



25.0725, 43.4811, 148.4759



68.8559, 43.4811, 125.4049



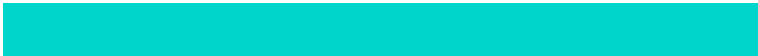
63.4212, 43.4811, 7.3009

Rectangle

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



22.3314, 43.4811, 11.0866



18.3730, 43.4811, 64.5143



68.8559, 43.4811, 125.4049



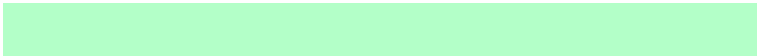
78.1846, 43.4811, 33.5267

Sweetspot

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



22.3324, 43.4829, 11.0876



64.6457, 85.2085, 67.6066



34.0987, 49.6340, 7.7833



13.1386, 17.9000, 13.4525



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.



22.3324, 43.4829, 11.0876



36.9053, 71.9781, 17.9513



27.6288, 45.6015, 38.9780



11.1947, 12.5876, 12.5829



14.0901, 27.3814, 7.1596



0.7597, 1.4257, 0.5423

Inverse Universe

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



30.1697, 14.9448, 28.9004



49.8656, 24.7102, 47.3519



25.4283, 13.0482, 3.9322



11.5486, 11.3482, 13.4238



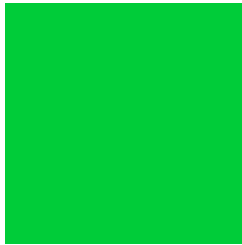
19.0297, 9.4225, 18.4067



1.0130, 0.4986, 1.1142

Previews

White Background



This preview shows how the XYZ color 22.3314, 43.4811, 11.0866 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 22.3314, 43.4811, 11.0866 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 22.3314, 43.4811, 11.0866

Background



This preview shows how black text looks on a background with the XYZ color 22.3314, 43.4811, 11.0866.



This preview shows how white text looks on a background with the XYZ color 22.3314, 43.4811,

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

22.3314, 43.4811, 11.0866

Protanopia

38.6493, 42.6175, 9.0947

Deuteranopia

43.3888, 42.4791, 11.8737



Tritanopia

33.2102, 43.1680, 64.9744

Trichromacy



Original Color

22.3314, 43.4811, 11.0866



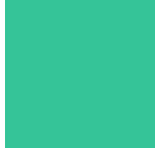
Protanomaly

26.6362, 39.7257, 9.5128



Deuteranomaly

27.7859, 38.4391, 11.1093



Tritanomaly

26.6508, 42.0541, 36.4184

Monochromacy



Original Color

22.3314, 43.4811, 11.0866



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

17.2128, 25.7563, 16.3762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3314, 43.4811, 11.0866 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, 204, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 57)  
}
```

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, 204, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 57) }
```

Border

The CSS property to change the border of an element to XYZ 22.3314, 43.4811, 11.0866 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, 204, 57) }
```


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

```
.border{ border-color:rgb(0, 204, 57) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 57);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 57)  
}
```

Background

The CSS property to change the background color of an element to XYZ 22.3314, 43.4811, 11.0866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 57) }
```

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

```
.background{ background-color: rgb(0, 204,  
57) }
```

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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