

Converting Colors

Yxy(44.3132, 0.3154, 0.5878)

Have a look what the booklet for
Yxy(44.3132, 0.3154, 0.5878)
contains.

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Color

Yxy(44.3095, 0.3154, 0.5878)

Conversions

Conversions Part 1

Format	Color
Hex	41CC00
RGB	65, 204, 0
RGB Percent	25%, 80%, 0%
CMY	0.7449, 0.2000, 1.0000
CMYK	0.68, 0.00, 1.00, 0.20
HSL	101°, 100%, 40%
HSV	101°, 100%, 80%
XYZ	23.7755, 44.3095, 7.2970
YIQ	139.1830, -17.3600, -92.9120

Conversions

Conversions Part 2

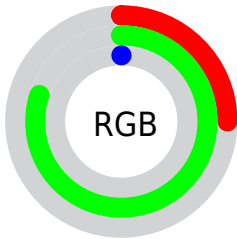
Format	Color
RYB	0, 204, 139
Decimal	4312064
CIELab	72.43, -66.14, 71.24
CIELCh	72, 97.209, 132.877
Yxy	44.3095, 0.3154, 0.5878
Android (android.graphics.Color)	4282502144 (0xFF41CC00)
YUV	139.1830, -68.6172, -65.0585
Hunter-Lab	66.5654, -52.7338, 40.0963

Details

The Yxy color **44.3095, 0.3154, 0.5878** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9.8433, 0.2412, 0.1103**, and the grayscale version is **26.1753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0347, 0.3245, 0.5342**, and **21.1798, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **44.3115, 0.3154, 0.5878**, and if you desaturate by 10%, it is **44.8979, 0.3203, 0.5765**.

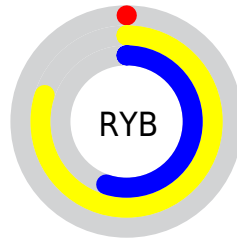
Distribution



Red (25%)

Green (80%)

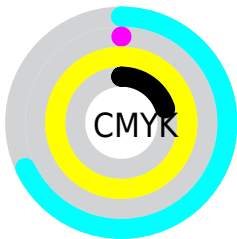
Blue (0%)



Red (0%)

Yellow (80%)

Blue (55%)

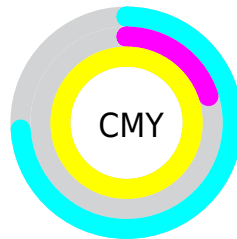


Cyan (68%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (74%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3095, 0.3154, 0.5878 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 Yxy color 44.3095, 0.3154, 0.5878 by changing the saturation by 10% instead.


 44.3095, 0.3154,
0.5878


 44.3095, 0.3154,
0.5878


 363.9698, 0.3269,
0.4505

 30.9139, 0.3072,
0.6211


 81.6833, 0.3234,
0.5378


 20.5333, 0.2936,
0.6616

 106.4302, 0.3252,
0.5188

 12.7833, 0.2738,
0.7186


 135.7297, 0.3263,
0.5028

 7.2795, 0.2326,
0.7674

 169.9662, 0.3269,
0.4892

 3.6375, 0.1702,
0.8298

 209.5241, 0.3271,
0.4775

 1.4729, 0.0000,
1.0000

 254.7877, 0.3272,

 0.2696, 0.0000,

0.4673

1.0000

306.1415, 0.3271,
0.4584

■ 0.0000, 0.0000,
0.0000

■ 44.3095, 0.3154,
0.5878

■ 44.3095, 0.3154,
0.5878

■ 44.3115, 0.3154,
0.5878

■ 44.8979, 0.3203,
0.5765

■ 45.6636, 0.3244,
0.5593

■ 46.6346, 0.3271,
0.5357

■ 47.8275, 0.3282,
0.5074

■ 49.2569, 0.3277,
0.4761

■ 50.9362, 0.3261,
0.4439

■ 52.8775, 0.3235,
0.4121

■ 55.0919, 0.3202,
0.3820

■ 57.5903, 0.3165,
0.3542

Harmonies

Analogous

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



44.3095, 0.4295, 0.5387



44.3095, 0.3154, 0.5878



44.3095, 0.2061, 0.5013

Triad

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



44.3095, 0.3154, 0.5878



44.3095, 0.1196, 0.1590



44.3095, 0.5230, 0.2827

Complementary

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



44.3095, 0.3154, 0.5878



9.8433, 0.2412, 0.1103

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.



44.3095, 0.3930, 0.2149



44.3095, 0.3154, 0.5878



44.3095, 0.1659, 0.1478

Square

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



44.3095, 0.3154, 0.5878



44.3095, 0.1082, 0.2118



44.3095, 0.2571, 0.1674



44.3095, 0.5702, 0.3588

Rectangle

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



44.3095, 0.3154, 0.5878



44.3095, 0.1519, 0.3861



44.3095, 0.2571, 0.1674



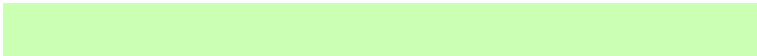
44.3095, 0.4857, 0.2587

Sweetspot

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



44.3115, 0.3154, 0.5878



87.4367, 0.3236, 0.4133



30.4456, 0.4938, 0.4461



18.4111, 0.3248, 0.4268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.3115, 0.3154, 0.5878



73.2838, 0.3146, 0.5884



43.3011, 0.2961, 0.5859



12.7077, 0.3163, 0.3526



27.9348, 0.3163, 0.5870



1.4819, 0.3318, 0.5747

Inverse Universe

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



9.8433, 0.2412, 0.1103



16.1812, 0.2403, 0.1097



15.7396, 0.3685, 0.1804



11.2174, 0.3088, 0.3058



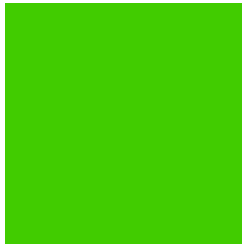
6.2473, 0.2424, 0.1109



0.3618, 0.2581, 0.1196

Previews

White Background



This preview shows how the Yxy color 44.3095, 0.3154, 0.5878 looks on a white background.

Color Contrast Check

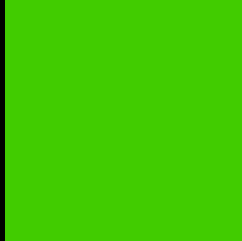
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 44.3095, 0.3154, 0.5878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

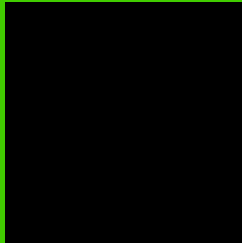
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3095, 0.3154, 0.5878

Background



This preview shows how black text looks on a background with the Yxy color 44.3095, 0.3154, 0.5878.



This preview shows how white text looks on a background with the Yxy color 44.3095, 0.3154, 0.5878.

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

44.3095, 0.3154, 0.5878

Protanopia

43.5864, 0.4403, 0.4886

Deuteranopia

43.3414, 0.4621, 0.4513



Tritanopia

44.1777, 0.2445, 0.3073

Trichromacy



Original Color

44.3095, 0.3154, 0.5878



Protanomaly

42.0247, 0.3847, 0.5327



Deuteranomaly

40.7210, 0.4006, 0.5092



Tritanomaly

42.8156, 0.2818, 0.4347

Monochromacy



Original Color

44.3095, 0.3154, 0.5878



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

30.3437, 0.3272, 0.4609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3095, 0.3154, 0.5878 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(65, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(65, 204, 0)  
}
```

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(65, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 204, 0) }
```

Border

The CSS property to change the border of an element to Yxy 44.3095, 0.3154, 0.5878 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(65, 204, 0) }
```

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

```
.border{ border-color:rgb(65, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(65, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(65, 204, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 44.3095, 0.3154, 0.5878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 204, 0) }
```

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

```
.background{ background-color: rgb(65, 204,  
0) }
```

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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