

Converting Colors

$Yxy(43.1474, 0.2994, 0.5800)$

Have a look what the booklet for
Yxy(43.1474, 0.2994, 0.5800)
contains.

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Color

Yxy(43.1431, 0.2993, 0.5799)

Conversions

Conversions Part 1

Format	Color
Hex	1FCB26
RGB	31, 203, 38
RGB Percent	12%, 80%, 15%
CMY	0.8791, 0.2039, 0.8510
CMYK	0.85, 0.00, 0.81, 0.20
HSL	122°, 74%, 46%
HSV	122°, 85%, 80%
XYZ	22.2672, 43.1431, 8.9872
YIQ	132.7620, -49.5470, -87.7790

Conversions

Conversions Part 2

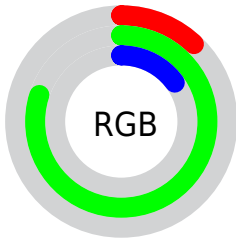
Format	Color
R _Y B	31, 196, 203
Decimal	2083622
CIE Lab	71.65, -69.58, 64.04
CIE LCh	72, 94.566, 137.371
Yxy	43.1431, 0.2993, 0.5799
Android (android.graphics.Color)	4280273702 (0xFF1FCB26)
YUV	132.7620, -46.7177, -89.2453
Hunter-Lab	65.6834, -54.4331, 37.8660

Details

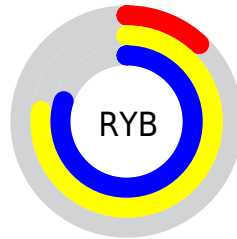
The Yxy color **43.1431, 0.2993, 0.5799** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **17.6477, 0.3295, 0.1659**, and the grayscale version is **23.5344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8466, 0.3093, 0.5255**, and **20.8674, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **42.8296, 0.2994, 0.5936**, and if you desaturate by 10%, it is **43.7236, 0.2997, 0.5581**.

Distribution



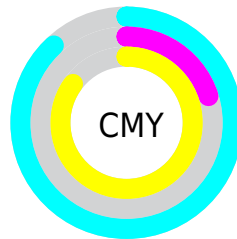
- Red (12%)
- Green (80%)
- Blue (15%)



- Red (12%)
- Yellow (77%)
- Blue (80%)



- Cyan (85%)
- Magenta (0%)
- Yellow (81%)
- Black (20%)





- Cyan (88%)
- Magenta (20%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1431, 0.2993, 0.5799 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 43.1431, 0.2993, 0.5799 by changing the saturation by 10% instead.


 43.1431, 0.2993,
0.5799


 43.1431, 0.2993,
0.5799


359.1999, 0.3170,
0.4439

 29.9974, 0.2904,
0.6146


 79.9268, 0.3089,
0.5292


 19.8366, 0.2761,
0.6582


 104.3335, 0.3116,
0.5104

 12.2763, 0.2536,
0.7148


 133.2628, 0.3134,
0.4946

 6.9322, 0.2156,
0.7844

 167.0989, 0.3147,
0.4813

 3.4197, 0.1450,
0.8550

 206.2262, 0.3156,
0.4699

 1.3546, 0.0000,
1.0000

 251.0293, 0.3162,


 0.1829, 0.0000,


0.4601


1.0000

301.8924, 0.3167,
0.4514

 0.0000, 0.0000,
0.0000


 43.1431, 0.2993,
0.5799


 43.1431, 0.2993,
0.5799


 42.8296, 0.2994,
0.5936


 43.7236, 0.2997,
0.5581

 42.7347, 0.2994,
0.5977

 44.6070, 0.3007,
0.5297

 45.8295, 0.3022,
0.4969

 47.4205, 0.3040,
0.4622

 49.4066, 0.3060,
0.4280

■ 51.8116, 0.3080,
0.3958

■ 54.6576, 0.3100,
0.3665

■ 57.9652, 0.3119,
0.3404

■ 61.7536, 0.3136,
0.3176

Harmonies

Analogous

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



43.1431, 0.4128, 0.5482



43.1431, 0.2993, 0.5799



43.1431, 0.1944, 0.4738

Triad

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



43.1431, 0.2993, 0.5799



43.1431, 0.1264, 0.1574



43.1431, 0.5327, 0.2947

Complementary

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



43.1431, 0.2993, 0.5799



17.6477, 0.3295, 0.1659

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.



43.1431, 0.4132, 0.2257



43.1431, 0.2993, 0.5799



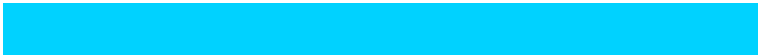
43.1431, 0.1783, 0.1511

Square

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



43.1431, 0.2993, 0.5799



43.1431, 0.1103, 0.2026



43.1431, 0.2759, 0.1748



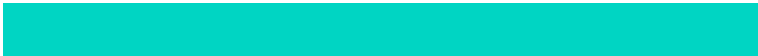
43.1431, 0.5649, 0.3715

Rectangle

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



43.1431, 0.2993, 0.5799



43.1431, 0.1454, 0.3602



43.1431, 0.2759, 0.1748



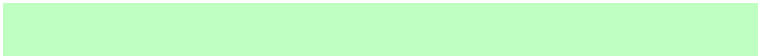
43.1431, 0.5002, 0.2706

Sweetspot

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



43.1449, 0.2993, 0.5799



86.5195, 0.3079, 0.3974



54.7210, 0.4104, 0.5024



18.1971, 0.3072, 0.4086



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.



43.1449, 0.2993, 0.5799



71.5433, 0.2995, 0.5982



44.4265, 0.2660, 0.4639



12.5444, 0.3110, 0.3519



27.1967, 0.2992, 0.5970



1.4058, 0.2964, 0.5869

Inverse Universe

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



17.6477, 0.3295, 0.1659



27.8151, 0.3318, 0.1602



14.8211, 0.4722, 0.2500



11.3954, 0.3144, 0.3071



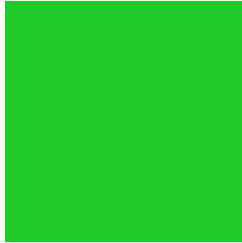
10.5780, 0.3315, 0.1600



0.5483, 0.3293, 0.1588

Previews

White Background



This preview shows how the Yxy color 43.1431, 0.2993, 0.5799 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 43.1431, 0.2993, 0.5799 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 43.1431, 0.2993, 0.5799

Background



This preview shows how black text looks on a background with the Yxy color 43.1431, 0.2993, 0.5799.



This preview shows how white text looks on a background with the Yxy color 43.1431, 0.2993, 0.5799.

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

43.1431, 0.2993, 0.5799

Protanopia

42.1016, 0.4354, 0.4807

Deuteranopia

42.1111, 0.4540, 0.4435



Tritanopia

42.8295, 0.2373, 0.3068

Trichromacy



Original Color

43.1431, 0.2993, 0.5799



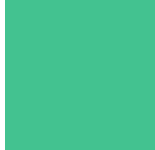
Protanomaly

40.0420, 0.3678, 0.5302



Deuteranomaly

38.9545, 0.3791, 0.5045



Tritanomaly

41.7905, 0.2625, 0.4118

Monochromacy



Original Color

43.1431, 0.2993, 0.5799



Achromatopsia

23.4551, 0.3127, 0.3290



Achromatomaly

27.8224, 0.3057, 0.4417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1431, 0.2993, 0.5799 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(31, 203, 38)` looks like.

```
.text, #text, p{  
    color:rgb(31, 203, 38)  
}
```

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(31, 203, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 203, 38) }
```

Border

The CSS property to change the border of an element to Yxy 43.1431, 0.2993, 0.5799 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(31, 203, 38) }
```

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

```
.border{ border-color:rgb(31, 203, 38) }
```

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

Here you see how a box with a 4 pixel rgb(31, 203, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 203, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 203, 38);  
box-shadow:4px 4px 4px 4px rgb(31, 203,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1431, 0.2993, 0.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 203, 38) }
```

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

```
.background{ background-color: rgb(31, 203,  
38) }
```

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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