

Converting Colors

$Y_{xy}(55.0974, 0.2989, 0.5926)$

Have a look what the booklet for
Yxy(55.0974, 0.2989, 0.5926)
contains.

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Color

Yxy(55.0795, 0.2989, 0.5926)

Conversions

Conversions Part 1

Format	Color
Hex	0BE319
RGB	11, 227, 25
RGB Percent	4%, 89%, 10%
CMY	0.9572, 0.1098, 0.9021
CMYK	0.95, 0.00, 0.89, 0.11
HSL	124°, 91%, 47%
HSV	124°, 95%, 89%
XYZ	27.7814, 55.0795, 10.0846
YIQ	139.3880, -63.8940, -108.6140

Conversions

Conversions Part 2

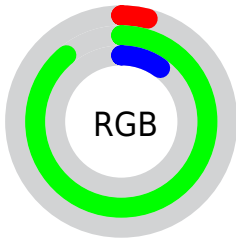
Format	Color
RYB	11, 214, 227
Decimal	779033
CIELab	79.09, -78.03, 73.45
CIElCh	79, 107.167, 136.731
Yxy	55.0795, 0.2989, 0.5926
Android (android.graphics.Color)	4278969113 (0xFF0BE319)
YUV	139.3880, -56.3933, -112.5963
Hunter-Lab	74.2156, -63.0586, 43.8944

Details

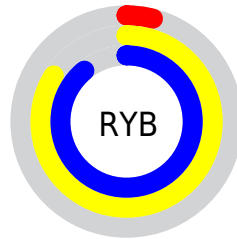
The Yxy color **55.0795, 0.2989, 0.5926** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **21.3708, 0.3372, 0.1645**, and the grayscale version is **26.2071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8389, 0.3112, 0.5292**, and **28.7495, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **54.9749, 0.2991, 0.5967**, and if you desaturate by 10%, it is **55.4736, 0.2984, 0.5785**.

Distribution



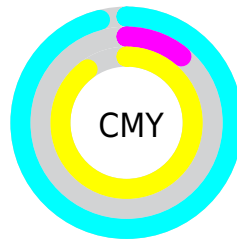
- Red (4%)
- Green (89%)
- Blue (10%)



- Red (4%)
- Yellow (84%)
- Blue (89%)



- Cyan (95%)
- Magenta (0%)
- Yellow (89%)
- Black (11%)




- Cyan (96%)
- Magenta (11%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0795, 0.2989, 0.5926 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 55.0795, 0.2989, 0.5926 by changing the saturation by 10% instead.


 55.0795, 0.2989,
0.5926


 55.0795, 0.2989,
0.5926

406.2132, 0.3180,
0.4556


 39.4654, 0.2900,
0.6253


 97.6574, 0.3090,
0.5432

 27.1220, 0.2763,
0.6651


 125.3900, 0.3118,
0.5244

 17.6648, 0.2550,
0.7134


 157.9309, 0.3139,
0.5085

 10.7096, 0.2234,
0.7766

 195.6644, 0.3153,
0.4948

 5.8719, 0.1693,
0.8307

 238.9750, 0.3163,
0.4830

 2.7674, 0.0360,
0.9640


 288.2471, 0.3171,


 1.0115, 0.0000,


0.4727

1.0000


343.8650, 0.3176,
0.4637


 0.0000, 0.0000,
0.0000


 55.0795, 0.2989,
0.5926


 55.0795, 0.2989,
0.5926


 54.9749, 0.2991,
0.5967

 55.4736, 0.2984,
0.5785

 56.2014, 0.2985,
0.5565

 57.3196, 0.2993,
0.5281

 58.8726, 0.3007,
0.4956

 60.8989, 0.3026,
0.4614

■ 63.4329, 0.3048,
0.4276

■ 66.5055, 0.3071,
0.3958

■ 70.1455, 0.3094,
0.3668

■ 74.3794, 0.3116,
0.3411

Harmonies

Analogous

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



55.0795, 0.4156, 0.5529



55.0795, 0.2989, 0.5926



55.0795, 0.1909, 0.4849

Triad

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



55.0795, 0.2989, 0.5926



55.0795, 0.1204, 0.1525



55.0795, 0.5401, 0.2906

Complementary

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



55.0795, 0.2989, 0.5926



21.3708, 0.3372, 0.1645

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.



55.0795, 0.4140, 0.2206



55.0795, 0.2989, 0.5926



55.0795, 0.1722, 0.1457

Square

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



55.0795, 0.2989, 0.5926



55.0795, 0.1046, 0.1989



55.0795, 0.2713, 0.1692



55.0795, 0.5740, 0.3683

Rectangle

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



55.0795, 0.2989, 0.5926



55.0795, 0.1405, 0.3644



55.0795, 0.2713, 0.1692



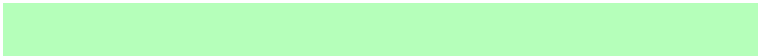
55.0795, 0.5057, 0.2662

Sweetspot

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



55.0818, 0.2989, 0.5926



84.8890, 0.3062, 0.4082



69.5947, 0.4102, 0.5106



17.8099, 0.3052, 0.4220



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.



55.0818, 0.2989, 0.5926



71.5592, 0.2992, 0.5971



56.6171, 0.2668, 0.4776



16.1043, 0.3107, 0.3517



32.0657, 0.2988, 0.5957



2.3749, 0.2955, 0.5839

Inverse Universe

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



21.3708, 0.3372, 0.1645



27.4573, 0.3383, 0.1637



17.6553, 0.5076, 0.2597



14.5982, 0.3148, 0.3073



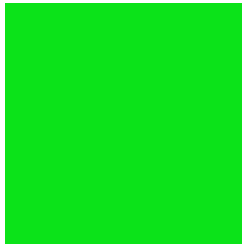
12.3101, 0.3379, 0.1635



0.9146, 0.3352, 0.1620

Previews

White Background



This preview shows how the Yxy color 55.0795, 0.2989, 0.5926 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 55.0795, 0.2989, 0.5926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

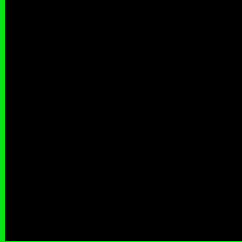
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

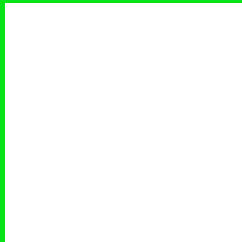
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0795, 0.2989, 0.5926

Background



This preview shows how black text looks on a background with the Yxy color 55.0795, 0.2989, 0.5926.



This preview shows how white text looks on a background with the Yxy color 55.0795, 0.2989, 0.5926.

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

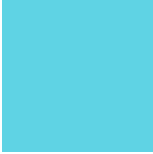
55.0795, 0.2989, 0.5926

Protanopia

53.6656, 0.4402, 0.4865

Deuteranopia

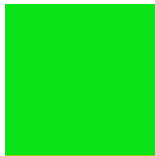
53.6020, 0.4590, 0.4492



Tritanopia

54.6229, 0.2356, 0.3062

Trichromacy



Original Color

55.0795, 0.2989, 0.5926



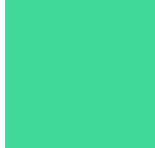
Protanomaly

50.0167, 0.3646, 0.5446



Deuteranomaly

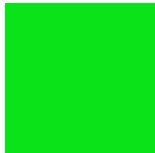
48.8539, 0.3761, 0.5192



Tritanomaly

53.0488, 0.2623, 0.4248

Monochromacy



Original Color

55.0795, 0.2989, 0.5926



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

32.2830, 0.3020, 0.4603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0795, 0.2989, 0.5926 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(11, 227, 25)` looks like.

```
.text, #text, p{  
    color:rgb(11, 227, 25)  
}
```

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(11, 227, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 227, 25) }
```

Border

The CSS property to change the border of an element to Yxy 55.0795, 0.2989, 0.5926 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(11, 227, 25) }
```

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

```
.border{ border-color:rgb(11, 227, 25) }
```

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

Here you see how a box with a 4 pixel rgb(11, 227, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 227, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 227, 25);  
box-shadow:4px 4px 4px 4px rgb(11, 227,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0795, 0.2989, 0.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 227, 25) }
```

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

```
.background{ background-color: rgb(11, 227,  
25) }
```

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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