

Converting Colors

Yxy(53.6522, 0.3025, 0.5980)

Have a look what the booklet for
Yxy(53.6522, 0.3025, 0.5980)
contains.

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Color

Yxy(53.5309, 0.3025, 0.5980)

Conversions

Conversions Part 1

Format	Color
Hex	1AE000
RGB	26, 224, 0
RGB Percent	10%, 88%, 0%
CMY	0.8987, 0.1215, 0.9997
CMYK	0.88, 0.00, 1.00, 0.12
HSL	113°, 100%, 44%
HSV	113°, 100%, 88%
XYZ	27.0788, 53.5309, 8.9069
YIQ	139.2620, -46.1040, -111.6400

Conversions

Conversions Part 2

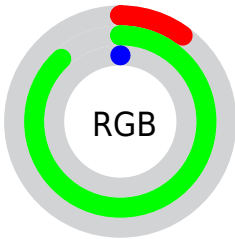
Format	Color
RYB	0, 224, 198
Decimal	1761280
CIELab	78.19, -76.98, 75.57
CIELCh	78, 107.873, 135.528
Yxy	53.5309, 0.3025, 0.5980
Android (android.graphics.Color)	4279951360 (0xFF1AE000)
YUV	139.2620, -68.6562, -99.3308
Hunter-Lab	73.1648, -61.9745, 43.9976

Details

The Yxy color **53.5309, 0.3025, 0.5980** 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 **17.4250, 0.2917, 0.1381**, and the grayscale version is **26.1941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9738, 0.3156, 0.5356**, and **27.6374, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **53.5320, 0.3025, 0.5980**, and if you desaturate by 10%, it is **53.9483, 0.3048, 0.5890**.

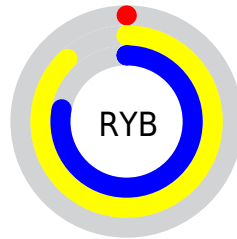
Distribution



Red (10%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (78%)

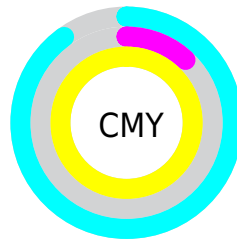


Cyan (88%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (90%)


Magenta (12%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5309, 0.3025, 0.5980 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 53.5309, 0.3025, 0.5980 by changing the saturation by 10% instead.


 53.5309, 0.3025,
0.5980


 53.5309, 0.3025,
0.5980


 400.3187, 0.3208,
0.4583


 38.2268, 0.2933,
0.6310


 95.3851, 0.3126,
0.5479

 26.1587, 0.2791,
0.6709


 122.7040, 0.3154,
0.5287


 16.9424, 0.2574,
0.7203


 154.7966, 0.3173,
0.5124

 10.1934, 0.2226,
0.7774

 192.0472, 0.3186,
0.4984

 5.5274, 0.1674,
0.8326

 234.8404, 0.3195,
0.4863

 2.5599, 0.0133,
0.9867

 283.5604, 0.3201,

 0.9066, 0.0000,

0.4758

1.0000

338.5917, 0.3206,
0.4665

■ 0.0000, 0.0000,
0.0000

■ 53.5309, 0.3025,
0.5980

■ 53.5309, 0.3025,
0.5980

■ 53.5320, 0.3025,
0.5980

■ 53.9483, 0.3048,
0.5890

■ 54.6445, 0.3074,
0.5724

■ 55.6700, 0.3097,
0.5481

■ 57.0597, 0.3115,
0.5178

■ 58.8442, 0.3128,
0.4840

■ 61.0505, 0.3136,
0.4490

■ 63.7035, 0.3139,
0.4151

■ 66.8259, 0.3137,
0.3833

■ 70.4390, 0.3133,
0.3545

Harmonies

Analogous

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



53.5309, 0.4203, 0.5517



53.5309, 0.3025, 0.5980



53.5309, 0.1927, 0.4948

Triad

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



53.5309, 0.3025, 0.5980



53.5309, 0.1171, 0.1514



53.5309, 0.5399, 0.2867

Complementary

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



53.5309, 0.3025, 0.5980



17.4250, 0.2917, 0.1381

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.



53.5309, 0.4093, 0.2167



53.5309, 0.3025, 0.5980



53.5309, 0.1676, 0.1434

Square

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



53.5309, 0.3025, 0.5980



53.5309, 0.1025, 0.2000



53.5309, 0.2655, 0.1659



53.5309, 0.5779, 0.3643

Rectangle

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



53.5309, 0.3025, 0.5980



53.5309, 0.1406, 0.3718



53.5309, 0.2655, 0.1659



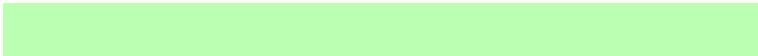
53.5309, 0.5038, 0.2622

Sweetspot

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



53.5331, 0.3025, 0.5980



85.3568, 0.3139, 0.4159



56.1836, 0.4417, 0.4875



17.9317, 0.3138, 0.4301



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.



53.5331, 0.3025, 0.5980



71.7859, 0.3023, 0.5982



53.9867, 0.2832, 0.5397



15.4123, 0.3133, 0.3531



31.1822, 0.3030, 0.5976



2.1869, 0.3100, 0.5920

Inverse Universe

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



17.4250, 0.2917, 0.1381



23.3366, 0.2915, 0.1380



17.6903, 0.4491, 0.2248



13.8514, 0.3120, 0.3058



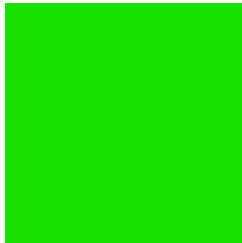
10.1723, 0.2922, 0.1383



0.7281, 0.2969, 0.1409

Previews

White Background



This preview shows how the Yxy color 53.5309, 0.3025, 0.5980 looks on a white background.

Color Contrast Check

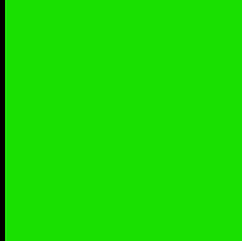
Large Text (above 18pt) WCAG AA × Fail

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 53.5309, 0.3025, 0.5980 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 53.5309, 0.3025, 0.5980

Background



This preview shows how black text looks on a background with the Yxy color 53.5309, 0.3025, 0.5980.



This preview shows how white text looks on a background with the Yxy color 53.5309, 0.3025, 0.5980.

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

53.5309, 0.3025, 0.5980

Protanopia

52.2982, 0.4405, 0.4884

Deuteranopia

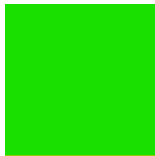
52.3701, 0.4616, 0.4515



Tritanopia

53.0348, 0.2364, 0.3060

Trichromacy



Original Color

53.5309, 0.3025, 0.5980



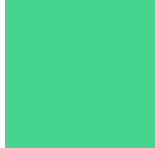
Protanomaly

49.3888, 0.3704, 0.5441



Deuteranomaly

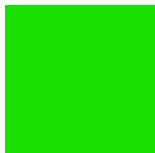
47.8180, 0.3847, 0.5209



Tritanomaly

51.3784, 0.2691, 0.4386

Monochromacy



Original Color

53.5309, 0.3025, 0.5980



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

32.0507, 0.3136, 0.4746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5309, 0.3025, 0.5980 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(26, 224, 0)` looks like.

```
.text, #text, p{  
  color:rgb(26, 224, 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(26, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 224, 0) }
```

Border

The CSS property to change the border of an element to Yxy 53.5309, 0.3025, 0.5980 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(26, 224, 0) }
```

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

```
.border{ border-color:rgb(26, 224, 0) }
```

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

Here you see how a box with a 4 pixel rgb(26, 224, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(26, 224, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 53.5309, 0.3025, 0.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 224, 0) }
```

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

```
.background{ background-color: rgb(26, 224,  
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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