

Converting Colors

Yxy(54.9041, 0.2867, 0.5441)

Have a look what the booklet for
Yxy(54.9041, 0.2867, 0.5441)
contains.

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Color

Yxy(54.6418, 0.2867, 0.5439)

Conversions

Conversions Part 1

Format	Color
Hex	17E152
RGB	23, 225, 82
RGB Percent	9%, 88%, 32%
CMY	0.9098, 0.1176, 0.6783
CMYK	0.90, 0.00, 0.64, 0.12
HSL	138°, 81%, 49%
HSV	138°, 90%, 88%
XYZ	28.8027, 54.6418, 17.0184
YIQ	148.3000, -74.4890, -87.2970

Conversions

Conversions Part 2

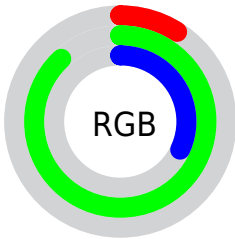
Format	Color
RYB	23, 179, 225
Decimal	1565010
CIELab	78.83, -72.93, 55.77
CIELCh	79, 91.811, 142.591
Yxy	54.6418, 0.2867, 0.5439
Android (android.graphics.Color)	4279755090 (0xFF17E152)
YUV	148.3000, -32.6859, -109.8881
Hunter-Lab	73.9201, -59.8082, 38.0939

Details

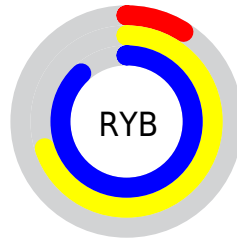
The Yxy color **54.6418, 0.2867, 0.5439** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **19.3734, 0.4008, 0.2031**, and the grayscale version is **29.9125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8083, 0.2948, 0.4817**, and **28.0671, 0.2968, 0.5883** is the 20% darker color. If you saturate the color by 10%, you get **54.2500, 0.2898, 0.5631**, and if you desaturate by 10%, it is **55.3027, 0.2848, 0.5209**.

Distribution



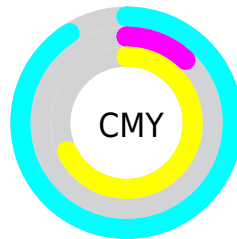
- Red (9%)
- Green (88%)
- Blue (32%)



- Red (9%)
- Yellow (70%)
- Blue (88%)



- Cyan (90%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)




- Cyan (91%)
- Magenta (12%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6418, 0.2867, 0.5439 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 54.6418, 0.2867, 0.5439 by changing the saturation by 10% instead.


 54.6418, 0.2867,
0.5439


 54.6418, 0.2867,
0.5439

404.5527, 0.3066,
0.4303

 39.1150, 0.2794,
0.5729


 97.0159, 0.2957,
0.5018


 26.8492, 0.2687,
0.6098


 124.6321, 0.2985,
0.4862

 17.4600, 0.2523,
0.6576


 157.0468, 0.3007,
0.4731

 10.5630, 0.2263,
0.7203

 194.6445, 0.3025,
0.4619

 5.7738, 0.1866,
0.8134

 237.8095, 0.3038,
0.4523

 2.7080, 0.0693,
0.9307

286.9263, 0.3050,

 0.9813, 0.0000,

0.4440

1.0000


342.3792, 0.3059,
0.4367


 0.0000, 0.0000,
0.0000

 54.6418, 0.2867,
0.5439

 54.6418, 0.2867,
0.5439


 54.2500, 0.2898,
0.5631

 55.3027, 0.2848,
0.5209

 54.2424, 0.2899,
0.5635

 56.2937, 0.2845,
0.4952

 57.6580, 0.2858,
0.4680

 59.4306, 0.2885,
0.4407

 61.6421, 0.2924,
0.4144

■ 64.3201, 0.2970,
0.3896

■ 67.4901, 0.3021,
0.3670

■ 71.1754, 0.3074,
0.3467

■ 75.3981, 0.3128,
0.3286

Harmonies

Analogous

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



54.6418, 0.3926, 0.5415



54.6418, 0.2867, 0.5439



54.6418, 0.1928, 0.4319

Triad

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



54.6418, 0.2867, 0.5439



54.6418, 0.1456, 0.1673



54.6418, 0.5231, 0.3127

Complementary

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



54.6418, 0.2867, 0.5439



19.3734, 0.4008, 0.2031

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.



54.6418, 0.4258, 0.2451



54.6418, 0.2867, 0.5439



54.6418, 0.2020, 0.1658

Square

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



54.6418, 0.2867, 0.5439



54.6418, 0.1248, 0.2039



54.6418, 0.3002, 0.1930



54.6418, 0.5407, 0.3876

Rectangle

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



54.6418, 0.2867, 0.5439



54.6418, 0.1512, 0.3342



54.6418, 0.3002, 0.1930



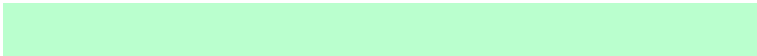
54.6418, 0.4981, 0.2891

Sweetspot

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



54.6440, 0.2867, 0.5439



86.4473, 0.2983, 0.3836



62.2137, 0.3724, 0.5366



18.2137, 0.2966, 0.3917



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.



54.6440, 0.2867, 0.5439



72.0214, 0.2902, 0.5646



57.3802, 0.2440, 0.3928



15.4028, 0.3076, 0.3460



31.2738, 0.2891, 0.5608



2.1830, 0.2805, 0.5298

Inverse Universe

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



19.3734, 0.4008, 0.2031



24.5749, 0.4139, 0.2054



17.0237, 0.5754, 0.3027



13.8638, 0.3182, 0.3126



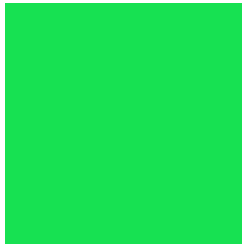
10.6930, 0.4113, 0.2039



0.7566, 0.3941, 0.1945

Previews

White Background



This preview shows how the Yxy color 54.6418, 0.2867, 0.5439 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 54.6418, 0.2867, 0.5439 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 54.6418, 0.2867, 0.5439

Background



This preview shows how black text looks on a background with the Yxy color 54.6418, 0.2867, 0.5439.



This preview shows how white text looks on a background with the Yxy color 54.6418, 0.2867, 0.5439.

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

54.6418, 0.2867, 0.5439

Protanopia

53.6635, 0.4188, 0.4604

Deuteranopia

53.2843, 0.4323, 0.4229



Tritanopia

54.4653, 0.2345, 0.3062

Trichromacy



Original Color

54.6418, 0.2867, 0.5439



Protanomaly

50.2954, 0.3499, 0.5030



Deuteranomaly

49.0586, 0.3569, 0.4762



Tritanomaly

53.4002, 0.2525, 0.3896

Monochromacy



Original Color

54.6418, 0.2867, 0.5439



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

35.3895, 0.2921, 0.4176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6418, 0.2867, 0.5439 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(23, 225, 82)` looks like.

```
.text, #text, p{  
    color:rgb(23, 225, 82)  
}
```

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(23, 225, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 225, 82) }
```

Border

The CSS property to change the border of an element to Yxy 54.6418, 0.2867, 0.5439 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(23, 225, 82) }
```

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

```
.border{ border-color:rgb(23, 225, 82) }
```

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

Here you see how a box with a 4 pixel rgb(23, 225, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 225, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 225, 82);  
box-shadow:4px 4px 4px 4px rgb(23, 225,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6418, 0.2867, 0.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 225, 82) }
```

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

```
.background{ background-color: rgb(23, 225,  
82) }
```

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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