

Converting Colors

Yxy(51.0746, 0.3027, 0.5967)

Have a look what the booklet for
Yxy(51.0746, 0.3027, 0.5967)
contains.

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Color

Yxy(50.9187, 0.3027, 0.5967)

Conversions

Conversions Part 1

Format	Color
Hex	1CDB04
RGB	28, 219, 4
RGB Percent	11%, 86%, 2%
CMY	0.8906, 0.1412, 0.9838
CMYK	0.87, 0.00, 0.98, 0.14
HSL	113°, 96%, 44%
HSV	113°, 98%, 86%
XYZ	25.8306, 50.9187, 8.5846
YIQ	137.3810, -44.8210, -107.3570

Conversions

Conversions Part 2

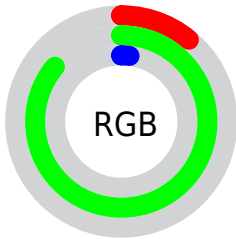
Format	Color
RYB	4, 219, 195
Decimal	1891076
CIELab	76.63, -75.40, 73.95
CIELCh	77, 105.608, 135.557
Yxy	50.9187, 0.3027, 0.5967
Android (android.graphics.Color)	4280081156 (0xFF1CDB04)
YUV	137.3810, -65.7568, -95.9271
Hunter-Lab	71.3573, -60.2604, 42.8173

Details

The Yxy color **50.9187, 0.3027, 0.5967** 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 **16.8388, 0.2934, 0.1396**, and the grayscale version is **25.4292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9049, 0.3152, 0.5359**, and **25.8407, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **50.8633, 0.3024, 0.5981**, and if you desaturate by 10%, it is **51.3543, 0.3051, 0.5866**.

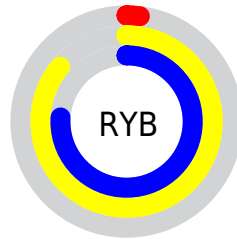
Distribution



Red (11%)

Green (86%)

Blue (2%)



Red (2%)

Yellow (86%)

Blue (76%)

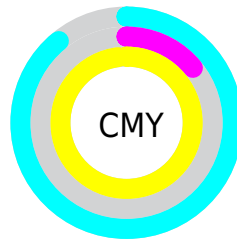


Cyan (87%)

Magenta (0%)

Yellow (98%)

Black (14%)



Cyan (89%)


Magenta (14%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9187, 0.3027, 0.5967 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 50.9187, 0.3027, 0.5967 by changing the saturation by 10% instead.

 50.9187, 0.3027,
0.5967

 50.9187, 0.3027,
0.5967

390.2478, 0.3208,
0.4565


 36.1439, 0.2934,
0.6302


 91.5346, 0.3128,
0.5460


 24.5454, 0.2790,
0.6709


 118.1445, 0.3155,
0.5268

 15.7387, 0.2570,
0.7223


 149.4682, 0.3174,
0.5104

 9.3394, 0.2205,
0.7795

 185.8901, 0.3187,
0.4965

 4.9632, 0.1631,
0.8369

 227.7946, 0.3196,
0.4844

 2.2257, 0.0000,
1.0000

 275.5662, 0.3202,

 0.7340, 0.0000,

0.4739

1.0000

329.5891, 0.3205,
0.4647

■ 0.0000, 0.0000,
0.0000

■ 50.9187, 0.3027,
0.5967

■ 50.9187, 0.3027,
0.5967

■ 50.8633, 0.3024,
0.5981

■ 51.3543, 0.3051,
0.5866

■ 52.0672, 0.3076,
0.5685

■ 53.1004, 0.3098,
0.5428

■ 54.4867, 0.3115,
0.5116

■ 56.2543, 0.3127,
0.4774

■ 58.4289, 0.3134,
0.4426

■ 61.0337, 0.3137,
0.4089

■ 64.0903, 0.3135,
0.3777

■ 67.6188, 0.3132,
0.3495

Harmonies

Analogous

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



50.9187, 0.4201, 0.5512



50.9187, 0.3027, 0.5967



50.9187, 0.1932, 0.4938

Triad

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



50.9187, 0.3027, 0.5967



50.9187, 0.1177, 0.1520



50.9187, 0.5390, 0.2870

Complementary

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



50.9187, 0.3027, 0.5967



16.8388, 0.2934, 0.1396

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.



50.9187, 0.4091, 0.2171



50.9187, 0.3027, 0.5967



50.9187, 0.1681, 0.1440

Square

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



50.9187, 0.3027, 0.5967



50.9187, 0.1031, 0.2005



50.9187, 0.2659, 0.1665



50.9187, 0.5770, 0.3646

Rectangle

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



50.9187, 0.3027, 0.5967



50.9187, 0.1412, 0.3715



50.9187, 0.2659, 0.1665



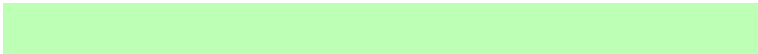
50.9187, 0.5031, 0.2625

Sweetspot

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



50.9208, 0.3027, 0.5967



85.7063, 0.3137, 0.4126



53.6257, 0.4408, 0.4873



17.9963, 0.3136, 0.4270



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.



50.9208, 0.3027, 0.5967



71.7697, 0.3021, 0.5983



51.3730, 0.2826, 0.5359



14.6748, 0.3132, 0.3530



30.1810, 0.3029, 0.5977



1.9789, 0.3101, 0.5920

Inverse Universe

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



16.8388, 0.2934, 0.1396



23.5182, 0.2926, 0.1386



16.9464, 0.4457, 0.2238



13.1979, 0.3120, 0.3058



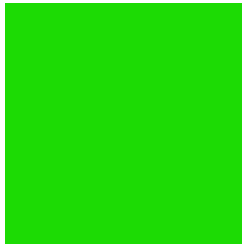
9.9246, 0.2933, 0.1390



0.6643, 0.2981, 0.1416

Previews

White Background



This preview shows how the Yxy color 50.9187, 0.3027, 0.5967 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 50.9187, 0.3027, 0.5967 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 50.9187, 0.3027, 0.5967

Background



This preview shows how black text looks on a background with the Yxy color 50.9187, 0.3027, 0.5967.



This preview shows how white text looks on a background with the Yxy color 50.9187, 0.3027, 0.5967.

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

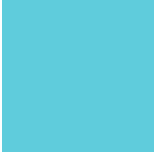
50.9187, 0.3027, 0.5967

Protanopia

49.8153, 0.4400, 0.4888

Deuteranopia

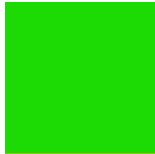
49.7082, 0.4608, 0.4518



Tritanopia

50.7859, 0.2371, 0.3069

Trichromacy



Original Color

50.9187, 0.3027, 0.5967



Protanomaly

46.7805, 0.3708, 0.5432



Deuteranomaly

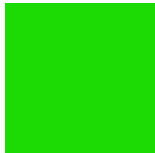
45.7124, 0.3848, 0.5203



Tritanomaly

48.8935, 0.2689, 0.4342

Monochromacy



Original Color

50.9187, 0.3027, 0.5967



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

30.9001, 0.3124, 0.4697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9187, 0.3027, 0.5967 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(28, 219, 4)` looks like.

```
.text, #text, p{  
    color:rgb(28, 219, 4)  
}
```

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(28, 219, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 219, 4) }
```

Border

The CSS property to change the border of an element to Yxy 50.9187, 0.3027, 0.5967 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(28, 219, 4) }
```

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

```
.border{ border-color:rgb(28, 219, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 219, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 219, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 219, 4);  
box-shadow:4px 4px 4px 4px rgb(28, 219, 4)  
}
```


Background

The CSS property to change the background color of an element to Yxy 50.9187, 0.3027, 0.5967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 219, 4) }
```

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

```
.background{ background-color: rgb(28, 219,  
4) }
```

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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