

Converting Colors

Yxy(55.3913, 0.3806, 0.5334)

Have a look what the booklet for
Yxy(55.3913, 0.3806, 0.5334)
contains.

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Color

Yxy(55.3266, 0.3810, 0.5331)

Conversions

Conversions Part 1

Format	Color
Hex	A7D40B
RGB	167, 212, 11
RGB Percent	65%, 83%, 4%
CMY	0.3451, 0.1686, 0.9563
CMYK	0.21, 0.00, 0.95, 0.17
HSL	73°, 90%, 44%
HSV	73°, 95%, 83%
XYZ	39.5412, 55.3266, 8.9149
YIQ	175.6310, 37.7010, -72.0510

Conversions

Conversions Part 2

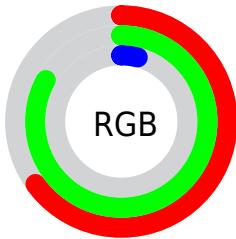
Format	Color
RYB	11, 212, 56
Decimal	10998795
CIELab	79.23, -37.21, 77.34
CIElCh	79, 85.829, 115.695
Yxy	55.3266, 0.3810, 0.5331
Android (android.graphics.Color)	4289188875 (0xFFA7D40B)
YUV	175.6310, -81.1631, -7.5694
Hunter-Lab	74.3819, -35.2780, 44.9612

Details

The Yxy color **55.3266, 0.3810, 0.5331** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5.8406, 0.1660, 0.0711**, and the grayscale version is **43.6392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3933, 0.3828, 0.4912**, and **27.3652, 0.3670, 0.5468** is the 20% darker color. If you saturate the color by 10%, you get **55.0356, 0.3799, 0.5366**, and if you desaturate by 10%, it is **55.9376, 0.3819, 0.5240**.

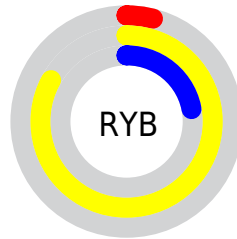
Distribution



Red (65%)

Green (83%)

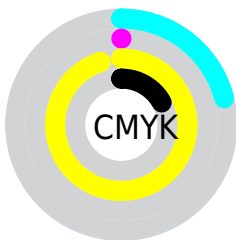
Blue (4%)



Red (4%)

Yellow (83%)

Blue (22%)

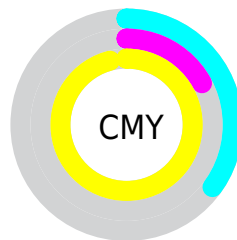


Cyan (21%)

Magenta (0%)

Yellow (95%)

Black (17%)



Cyan (35%)

Magenta (17%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3266, 0.3810, 0.5331 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 55.3266, 0.3810, 0.5331 by changing the saturation by 10% instead.


 55.3266, 0.3810,
0.5331


 55.3266, 0.3810,
0.5331

407.1488, 0.3585,
0.4352


 39.6633, 0.3821,
0.5538


 98.0193, 0.3761,
0.4999

 27.2761, 0.3809,
0.5777


 125.8175, 0.3733,
0.4866


 17.7807, 0.3761,
0.6059


 158.4294, 0.3705,
0.4751

 10.7926, 0.3634,
0.6366

 196.2394, 0.3678,
0.4651

 5.9276, 0.3349,
0.6651

 239.6320, 0.3652,
0.4562

 2.8011, 0.2902,
0.7098

 288.9915, 0.3628,

 1.0288, 0.0574,

0.4484

0.9426

344.7023, 0.3606,
0.4415

■ 0.0000, 0.0000,
0.0000

■ 55.3266, 0.3810,
0.5331

■ 55.3266, 0.3810,
0.5331

■ 55.0356, 0.3799,
0.5366

■ 55.9376, 0.3819,
0.5240

■ 56.6395, 0.3803,
0.5103

■ 57.4473, 0.3762,
0.4921

■ 58.3713, 0.3697,
0.4701

■ 59.4204, 0.3612,
0.4454

■ 60.6023, 0.3513,
0.4191

■ 61.9244, 0.3405,
0.3924

■ 63.3931, 0.3292,
0.3659

■ 65.0148, 0.3180,
0.3406

Harmonies

Analogous

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



55.3266, 0.4708, 0.4727



55.3266, 0.3810, 0.5331



55.3266, 0.2802, 0.5208

Triad

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



55.3266, 0.3810, 0.5331



55.3266, 0.1346, 0.2062



55.3266, 0.4302, 0.2564

Complementary

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



55.3266, 0.3810, 0.5331



5.8406, 0.1660, 0.0711

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.



55.3266, 0.3131, 0.2043



55.3266, 0.3810, 0.5331



55.3266, 0.1579, 0.1742

Square

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



55.3266, 0.3810, 0.5331



55.3266, 0.1444, 0.2843



55.3266, 0.2164, 0.1755



55.3266, 0.5148, 0.3227

Rectangle

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



55.3266, 0.3810, 0.5331



55.3266, 0.2189, 0.4543



55.3266, 0.2164, 0.1755



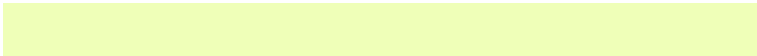
55.3266, 0.3917, 0.2369

Sweetspot

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



55.3291, 0.3810, 0.5331



93.3154, 0.3444, 0.4019



16.7217, 0.6035, 0.3533



19.7874, 0.3491, 0.4136



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.



55.3291, 0.3810, 0.5331



83.5085, 0.3794, 0.5369



48.3439, 0.3146, 0.5851



14.3731, 0.3232, 0.3523



34.0212, 0.3804, 0.5361



2.0873, 0.3875, 0.5305

Inverse Universe

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



5.8406, 0.1660, 0.0711



8.0936, 0.1606, 0.0658



11.9735, 0.2535, 0.1188



12.1415, 0.3016, 0.3051



3.3519, 0.1624, 0.0668



0.2397, 0.1797, 0.0763

Previews

White Background



This preview shows how the Yxy color 55.3266, 0.3810, 0.5331 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 55.3266, 0.3810, 0.5331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

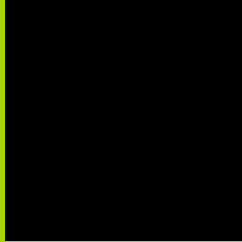
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3266, 0.3810, 0.5331

Background



This preview shows how black text looks on a background with the Yxy color 55.3266, 0.3810, 0.5331.



This preview shows how white text looks on a background with the Yxy color 55.3266, 0.3810, 0.5331.

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
55.3266, 0.3810, 0.5331
Protanopia
54.8520, 0.4410, 0.4881
Deuteranopia
55.0385, 0.4655, 0.4552



Tritanopia

55.0509, 0.2923, 0.3095

Trichromacy



Original Color

55.3266, 0.3810, 0.5331

Protanomaly

54.6673, 0.4181, 0.5053

Deuteranomaly

54.0243, 0.4355, 0.4837

Tritanomaly

53.5995, 0.3384, 0.4103

Monochromacy



Original Color

55.3266, 0.3810, 0.5331

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

46.5404, 0.3553, 0.4286

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3266, 0.3810, 0.5331 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(167, 212, 11)` looks like.

```
.text, #text, p{  
    color:rgb(167, 212, 11)  
}
```

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(167, 212, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 212, 11) }
```

Border

The CSS property to change the border of an element to Yxy 55.3266, 0.3810, 0.5331 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(167, 212, 11) }
```

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

```
.border{ border-color:rgb(167, 212, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 212, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 212, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 212, 11);  
box-shadow:4px 4px 4px 4px rgb(167, 212,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3266, 0.3810, 0.5331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 212, 11) }
```

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

```
.background{ background-color: rgb(167,  
212, 11) }
```

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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