

Converting Colors

Yxy(38.0358, 0.3429, 0.4997)

Have a look what the booklet for
Yxy(38.0358, 0.3429, 0.4997)
contains.

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Color

Yxy(38.1959, 0.3430, 0.5004)

Conversions

Conversions Part 1

Format	Color
Hex	7CB647
RGB	124, 182, 71
RGB Percent	49%, 71%, 28%
CMY	0.5136, 0.2863, 0.7216
CMYK	0.32, 0.00, 0.61, 0.29
HSL	91°, 44%, 50%
HSV	91°, 61%, 71%
XYZ	26.1814, 38.1959, 11.9534
YIQ	152.0040, 1.0630, -46.8170

Conversions

Conversions Part 2

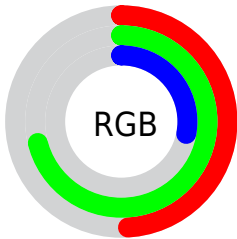
Format	Color
RYB	71, 182, 129
Decimal	8173127
CIELab	68.16, -37.45, 49.35
CIELCh	68, 61.949, 127.196
Yxy	38.1959, 0.3430, 0.5004
Android (android.graphics.Color)	4286363207 (0xFF7CB647)
YUV	152.0040, -39.9350, -24.5595
Hunter-Lab	61.8028, -32.5373, 31.7946

Details

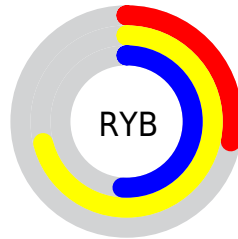
The Yxy color **38.1959, 0.3430, 0.5004** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **12.5478, 0.2534, 0.1610**, and the grayscale version is **31.5806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2824, 0.3414, 0.4659**, and **17.0343, 0.3412, 0.5559** is the 20% darker color. If you saturate the color by 10%, you get **37.3233, 0.3435, 0.5260**, and if you desaturate by 10%, it is **39.2101, 0.3406, 0.4720**.

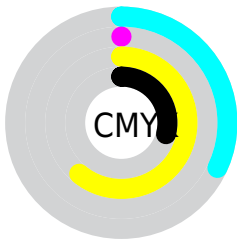
Distribution



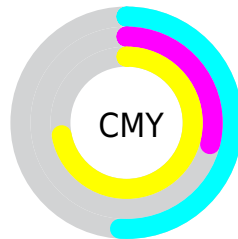
- Red (49%)
- Green (71%)
- Blue (28%)



- Red (28%)
- Yellow (71%)
- Blue (51%)



- Cyan (32%)
- Magenta (0%)
- Yellow (61%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.1959, 0.3430, 0.5004 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 38.1959, 0.3430, 0.5004 by changing the saturation by 10% instead.


 38.1959, 0.3430,
0.5004


 38.1959, 0.3430,
0.5004


338.4596, 0.3327,
0.4081

 26.1348, 0.3431,
0.5246


 72.4083, 0.3409,
0.4657


 16.9245, 0.3414,
0.5558

 95.3284, 0.3395,
0.4530

 10.1807, 0.3355,
0.5964


 122.6369, 0.3382,
0.4423

 5.5189, 0.3300,
0.6700

 154.7182, 0.3369,
0.4334

 2.5548, 0.2827,
0.7173

 191.9567, 0.3357,
0.4257

 0.9040, 0.0000,
1.0000

234.7369, 0.3346,

 0.0000, 0.0000,

0.4190

0.0000

283.4430, 0.3336,
0.4132

■ 38.1959, 0.3430,
0.5004

■ 38.1959, 0.3430,
0.5004

■ 37.3233, 0.3435,
0.5260

■ 39.2101, 0.3406,
0.4720

■ 36.5789, 0.3419,
0.5472

■ 40.3683, 0.3367,
0.4422

■ 35.9546, 0.3382,
0.5630

■ 41.6792, 0.3316,
0.4123

■ 35.4792, 0.3337,
0.5732

■ 43.1490, 0.3258,
0.3835

■ 44.7837, 0.3196,
0.3564

■ 46.5889, 0.3133,
0.3314

■ 48.5699, 0.3071,
0.3086

■ 50.7319, 0.3011,
0.2880

■ 53.0795, 0.2954,
0.2696

Harmonies

Analogous

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



38.1959, 0.4243, 0.4763



38.1959, 0.3430, 0.5004



38.1959, 0.2583, 0.4543

Triad

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



38.1959, 0.3430, 0.5004



38.1959, 0.1640, 0.2118



38.1959, 0.4414, 0.2904

Complementary

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



38.1959, 0.3430, 0.5004



12.5478, 0.2534, 0.1610

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.



38.1959, 0.3511, 0.2382



38.1959, 0.3430, 0.5004



38.1959, 0.1965, 0.1940

Square

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



38.1959, 0.3430, 0.5004



38.1959, 0.1621, 0.2645



38.1959, 0.2607, 0.2042



38.1959, 0.4910, 0.3523

Rectangle

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



38.1959, 0.3430, 0.5004



38.1959, 0.2115, 0.3900



38.1959, 0.2607, 0.2042



38.1959, 0.4139, 0.2715

Sweetspot

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



38.1976, 0.3430, 0.5004



78.9970, 0.3242, 0.3761



25.9291, 0.4433, 0.4077



17.2650, 0.3260, 0.3842



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.1976, 0.3430, 0.5004



67.2059, 0.3432, 0.5334



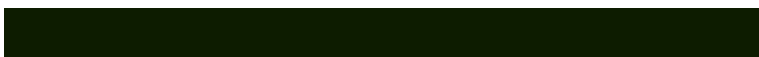
35.2734, 0.3027, 0.5202



10.2649, 0.3186, 0.3521



25.0950, 0.3345, 0.5726



0.9215, 0.3552, 0.5562

Inverse Universe

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



12.5478, 0.2534, 0.1610



16.7056, 0.2366, 0.1294



17.7526, 0.3216, 0.1916



8.9439, 0.3064, 0.3059



4.1443, 0.2080, 0.0919



0.1827, 0.2362, 0.1075

Previews

White Background



This preview shows how the Yxy color 38.1959, 0.3430, 0.5004 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 38.1959, 0.3430, 0.5004 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 38.1959, 0.3430, 0.5004

Background



This preview shows how black text looks on a background with the Yxy color 38.1959, 0.3430, 0.5004.



This preview shows how white text looks on a background with the Yxy color 38.1959, 0.3430, 0.5004.

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

38.1959, 0.3430, 0.5004

Protanopia

37.8561, 0.4148, 0.4567

Deuteranopia

37.5014, 0.4343, 0.4249



Tritanopia

38.1620, 0.2764, 0.3100

Trichromacy



Original Color

38.1959, 0.3430, 0.5004

Protanomaly

37.6038, 0.3866, 0.4735

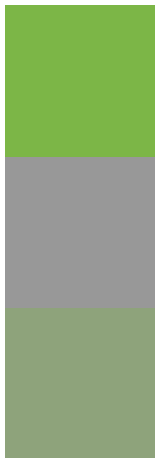
Deuteranomaly

36.8944, 0.3996, 0.4525

Tritanomaly

37.7114, 0.3027, 0.3790

Monochromacy



Original Color

38.1959, 0.3430, 0.5004

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

33.3752, 0.3277, 0.3930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1959, 0.3430, 0.5004 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(124, 182, 71)` looks like.

```
.text, #text, p{  
    color:rgb(124, 182, 71)  
}
```

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(124, 182, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 182, 71) }
```

Border

The CSS property to change the border of an element to Yxy 38.1959, 0.3430, 0.5004 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(124, 182, 71) }
```

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

```
.border{ border-color:rgb(124, 182, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 182, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 182, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 182, 71);  
box-shadow:4px 4px 4px 4px rgb(124, 182,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1959, 0.3430, 0.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 182, 71) }
```

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

```
.background{ background-color: rgb(124,  
182, 71) }
```

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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