

Converting Colors

Yxy(38.0976, 0.3444, 0.4939)

Have a look what the booklet for
Yxy(38.0976, 0.3444, 0.4939)
contains.

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Color

Yxy(38.0542, 0.3443, 0.4943)

Conversions

Conversions Part 1

Format	Color
Hex	7FB54A
RGB	127, 181, 74
RGB Percent	50%, 71%, 29%
CMY	0.5022, 0.2901, 0.7098
CMYK	0.30, 0.00, 0.59, 0.29
HSL	90°, 42%, 50%
HSV	90°, 59%, 71%
XYZ	26.5063, 38.0542, 12.4255
YIQ	152.6560, 2.1630, -44.7250

Conversions

Conversions Part 2

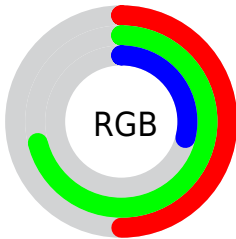
Format	Color
RYB	74, 181, 128
Decimal	8369482
CIELab	68.06, -35.66, 47.92
CIElCh	68, 59.735, 126.655
Yxy	38.0542, 0.3443, 0.4943
Android (android.graphics.Color)	4286559562 (0xFF7FB54A)
YUV	152.6560, -38.7774, -22.5003
Hunter-Lab	61.6881, -31.2558, 31.2391

Details

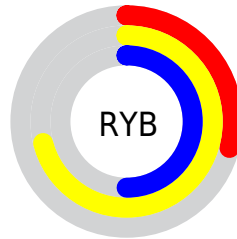
The Yxy color **38.0542, 0.3443, 0.4943** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **12.8280, 0.2536, 0.1651**, and the grayscale version is **31.8648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0198, 0.3415, 0.4611**, and **16.9018, 0.3436, 0.5486** is the 20% darker color. If you saturate the color by 10%, you get **37.1757, 0.3454, 0.5202**, and if you desaturate by 10%, it is **39.0699, 0.3413, 0.4658**.

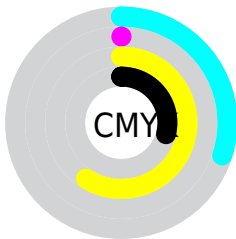
Distribution



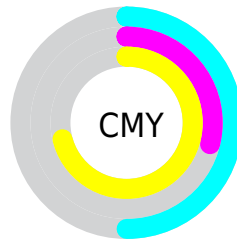
- Red (50%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (50%)



- Cyan (30%)
- Magenta (0%)
- Yellow (59%)
- Black (29%)





- Cyan (50%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0542, 0.3443, 0.4943 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 38.0542, 0.3443, 0.4943 by changing the saturation by 10% instead.


 38.0542, 0.3443,
0.4943


 38.0542, 0.3443,
0.4943


337.8524, 0.3329,
0.4053


 26.0248, 0.3449,
0.5177


 72.1912, 0.3416,
0.4608

 16.8422, 0.3439,
0.5479


 95.0676, 0.3401,
0.4486

 10.1220, 0.3392,
0.5874


 122.3283, 0.3387,
0.4383

 5.4799, 0.3361,
0.6600

 154.3579, 0.3373,
0.4297

 2.5315, 0.2920,
0.7080

 191.5407, 0.3361,
0.4222

 0.8924, 0.0000,
1.0000

234.2612, 0.3349,

 0.0000, 0.0000,

0.4158

0.0000

282.9036, 0.3338,
0.4102

■ 38.0542, 0.3443,
0.4943

■ 38.0542, 0.3443,
0.4943

■ 37.1757, 0.3454,
0.5202

■ 39.0699, 0.3413,
0.4658

■ 36.4216, 0.3444,
0.5421

■ 40.2250, 0.3369,
0.4361

■ 35.7845, 0.3412,
0.5588

■ 41.5276, 0.3314,
0.4066

■ 35.2491, 0.3364,
0.5705

■ 42.9837, 0.3252,
0.3782

■ 35.2053, 0.3360,
0.5714

■ 44.5991, 0.3187,
0.3515

■ 46.3789, 0.3121,
0.3269

■ 48.3283, 0.3057,
0.3045

■ 50.4521, 0.2995,
0.2844

■ 52.7549, 0.2936,
0.2663

Harmonies

Analogous

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



38.0542, 0.4229, 0.4714



38.0542, 0.3443, 0.4943



38.0542, 0.2618, 0.4507

Triad

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



38.0542, 0.3443, 0.4943



38.0542, 0.1677, 0.2161



38.0542, 0.4357, 0.2909

Complementary

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



38.0542, 0.3443, 0.4943



12.8280, 0.2536, 0.1651

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.



38.0542, 0.3483, 0.2401



38.0542, 0.3443, 0.4943



38.0542, 0.1990, 0.1979

Square

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



38.0542, 0.3443, 0.4943



38.0542, 0.1666, 0.2683



38.0542, 0.2611, 0.2073



38.0542, 0.4847, 0.3513

Rectangle

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



38.0542, 0.3443, 0.4943



38.0542, 0.2159, 0.3897



38.0542, 0.2611, 0.2073



38.0542, 0.4090, 0.2724

Sweetspot

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



38.0559, 0.3443, 0.4943



77.1961, 0.3247, 0.3760



25.6294, 0.4399, 0.4034



16.5153, 0.3265, 0.3839



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.0559, 0.3443, 0.4943



66.1323, 0.3453, 0.5274



35.0036, 0.3039, 0.5167



9.6896, 0.3188, 0.3520



24.3068, 0.3369, 0.5707



0.7995, 0.3590, 0.5532

Inverse Universe

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



12.8280, 0.2536, 0.1651



16.8068, 0.2366, 0.1326



18.0593, 0.3191, 0.1931



8.4340, 0.3061, 0.3060



3.8901, 0.2048, 0.0902



0.1570, 0.2360, 0.1074

Previews

White Background



This preview shows how the Yxy color 38.0542, 0.3443, 0.4943 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 38.0542, 0.3443, 0.4943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

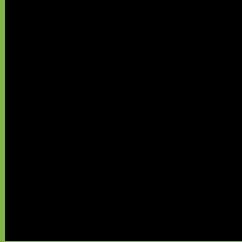
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0542, 0.3443, 0.4943

Background



This preview shows how black text looks on a background with the Yxy color 38.0542, 0.3443, 0.4943.



This preview shows how white text looks on a background with the Yxy color 38.0542, 0.3443, 0.4943.

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

38.0542, 0.3443, 0.4943

Protanopia

37.5303, 0.4137, 0.4528

Deuteranopia

37.5454, 0.4320, 0.4219



Tritanopia

37.9191, 0.2786, 0.3100

Trichromacy



Original Color

38.0542, 0.3443, 0.4943

Protanomaly

37.3673, 0.3864, 0.4687

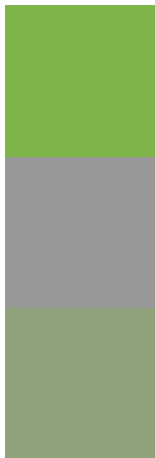
Deuteranomaly

37.0526, 0.3985, 0.4486

Tritanomaly

37.5736, 0.3053, 0.3772

Monochromacy



Original Color

38.0542, 0.3443, 0.4943

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.5789, 0.3288, 0.3910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0542, 0.3443, 0.4943 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(127, 181, 74)` looks like.

```
.text, #text, p{  
    color:rgb(127, 181, 74)  
}
```

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(127, 181, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 181, 74) }
```

Border

The CSS property to change the border of an element to Yxy 38.0542, 0.3443, 0.4943 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(127, 181, 74) }
```

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

```
.border{ border-color:rgb(127, 181, 74) }
```

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

Here you see how a box with a 4 pixel rgb(127, 181, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 181, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 181, 74);  
box-shadow:4px 4px 4px 4px rgb(127, 181,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0542, 0.3443, 0.4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 181, 74) }
```

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

```
.background{ background-color: rgb(127,  
181, 74) }
```

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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