

Converting Colors

Yxy(39.9314, 0.3039, 0.4743)

Have a look what the booklet for
Yxy(39.9314, 0.3039, 0.4743)
contains.

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Color

Yxy(39.9314, 0.3039, 0.4743)

Conversions

Conversions Part 1

Format	Color
Hex	62BD65
RGB	98, 189, 101
RGB Percent	38%, 74%, 40%
CMY	0.6156, 0.2588, 0.6039
CMYK	0.48, 0.00, 0.47, 0.26
HSL	122°, 41%, 56%
HSV	122°, 48%, 74%
XYZ	25.5854, 39.9314, 18.6734
YIQ	151.7590, -25.9880, -46.6600

Conversions

Conversions Part 2

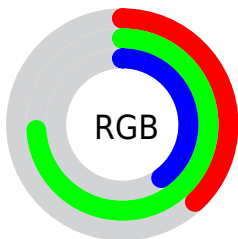
Format	Color
RYB	98, 186, 189
Decimal	6471013
CIELab	69.42, -45.35, 36.16
CIELCh	69, 58.002, 141.435
Yxy	39.9314, 0.3039, 0.4743
Android (android.graphics.Color)	4284661093 (0xFF62BD65)
YUV	151.7590, -25.0242, -47.1466
Hunter-Lab	63.1913, -38.3123, 26.7134

Details

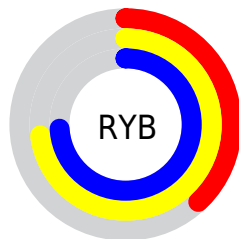
The Yxy color **39.9314, 0.3039, 0.4743** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **23.1034, 0.3215, 0.2171**, and the grayscale version is **31.4114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0815, 0.3079, 0.4443**, and **18.0072, 0.2949, 0.5247** is the 20% darker color. If you saturate the color by 10%, you get **38.6833, 0.3022, 0.5086**, and if you desaturate by 10%, it is **41.5107, 0.3058, 0.4397**.

Distribution



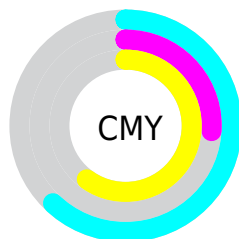
- Red (38%)
- Green (74%)
- Blue (40%)



- Red (38%)
- Yellow (73%)
- Blue (74%)



- Cyan (48%)
- Magenta (0%)
- Yellow (47%)
- Black (26%)





- Cyan (62%)
- Magenta (26%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9314, 0.3039, 0.4743 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 39.9314, 0.3039, 0.4743 by changing the saturation by 10% instead.


 39.9314, 0.3039,
0.4743


 39.9314, 0.3039,
0.4743


345.8343, 0.3117,
0.3948


 27.4851, 0.3005,
0.4962


 75.0590, 0.3077,
0.4438


 17.9379, 0.2951,
0.5254

 98.5091, 0.3089,
0.4329

 10.9054, 0.2860,
0.5660


 126.3959, 0.3097,
0.4238

 6.0032, 0.2693,
0.6246

 159.1038, 0.3103,
0.4162

 2.8471, 0.2482,
0.7518

197.0172, 0.3108,
0.4096

 1.0524, 0.0000,
1.0000

240.5205, 0.3112,

 0.0000, 0.0000,

0.4040

0.0000

289.9981, 0.3115,
0.3991

■ 39.9314, 0.3039,
0.4743

■ 39.9314, 0.3039,
0.4743

■ 38.6833, 0.3022,
0.5086

■ 41.5107, 0.3058,
0.4397

■ 37.7384, 0.3008,
0.5403

■ 43.4372, 0.3077,
0.4065

■ 37.0722, 0.2999,
0.5667


■ 45.7315, 0.3096,
0.3761


■ 36.6542, 0.2996,
0.5857

■ 48.4114, 0.3114,
0.3488


■ 36.4393, 0.2995,
0.5966

■ 51.4936, 0.3130,
0.3248

 36.4091, 0.2994,
0.5980

 54.9937, 0.3145,
0.3040

 58.9264, 0.3158,
0.2860

 63.3059, 0.3170,
0.2706

 64.8755, 0.3157,
0.2644

Harmonies

Analogous

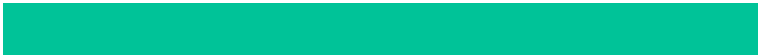
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.9314, 0.3839, 0.4826



39.9314, 0.3039, 0.4743



39.9314, 0.2306, 0.4032

Triad

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



39.9314, 0.3039, 0.4743



39.9314, 0.1842, 0.2081



39.9314, 0.4598, 0.3209

Complementary

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



39.9314, 0.3039, 0.4743



23.1034, 0.3215, 0.2171

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.



39.9314, 0.3903, 0.2660



39.9314, 0.3039, 0.4743



39.9314, 0.2293, 0.2039

Square

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



39.9314, 0.3039, 0.4743



39.9314, 0.1686, 0.2419



39.9314, 0.3026, 0.2247



39.9314, 0.4805, 0.3817

Rectangle

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



39.9314, 0.3039, 0.4743



39.9314, 0.1955, 0.3403



39.9314, 0.3026, 0.2247



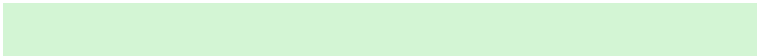
39.9314, 0.4410, 0.3016

Sweetspot

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



39.9331, 0.3039, 0.4743



83.6992, 0.3103, 0.3650



47.9037, 0.3813, 0.4454



17.7833, 0.3099, 0.3710



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.9331, 0.3039, 0.4743



69.1284, 0.3021, 0.5113



41.0384, 0.2763, 0.3999



10.6546, 0.3112, 0.3519



24.4992, 0.2993, 0.5975



0.9614, 0.2966, 0.5879

Inverse Universe

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



23.1034, 0.3215, 0.2171



35.3394, 0.3235, 0.1965



21.5107, 0.3785, 0.2692



9.6907, 0.3143, 0.3071



9.5758, 0.3292, 0.1587



0.3768, 0.3271, 0.1575

Previews

White Background



This preview shows how the Yxy color 39.9314, 0.3039, 0.4743 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 39.9314, 0.3039, 0.4743 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 39.9314, 0.3039, 0.4743

Background



This preview shows how black text looks on a background with the Yxy color 39.9314, 0.3039, 0.4743.



This preview shows how white text looks on a background with the Yxy color 39.9314, 0.3039, 0.4743.

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

39.9314, 0.3039, 0.4743

Protanopia

39.4984, 0.3936, 0.4292

Deuteranopia

39.2690, 0.4048, 0.3966



Tritanopia

39.9420, 0.2564, 0.3083

Trichromacy



Original Color

39.9314, 0.3039, 0.4743



Protanomaly

38.6860, 0.3556, 0.4464



Deuteranomaly

38.1451, 0.3634, 0.4249



Tritanomaly

39.7845, 0.2738, 0.3651

Monochromacy



Original Color

39.9314, 0.3039, 0.4743



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

33.5093, 0.3094, 0.3811

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9314, 0.3039, 0.4743 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(98, 189, 101)` looks like.

```
.text, #text, p{  
    color:rgb(98, 189, 101)  
}
```

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(98, 189, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 189, 101) }
```

Border

The CSS property to change the border of an element to Yxy 39.9314, 0.3039, 0.4743 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(98, 189, 101) }
```

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

```
.border{ border-color:rgb(98, 189, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 189, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 189, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 189, 101);  
box-shadow:4px 4px 4px 4px rgb(98, 189,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9314, 0.3039, 0.4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 189, 101) }
```

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

```
.background{ background-color: rgb(98, 189,  
101) }
```

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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