

Converting Colors

$Yxy(39.2087, 0.2832, 0.4534)$

Have a look what the booklet for
Yxy(39.2087, 0.2832, 0.4534)
contains.

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Color

Yxy(39.3184, 0.2834, 0.4534)

Conversions

Conversions Part 1

Format	Color
Hex	4FBD74
RGB	79, 189, 116
RGB Percent	31%, 74%, 45%
CMY	0.6902, 0.2588, 0.5450
CMYK	0.58, 0.00, 0.39, 0.26
HSL	140°, 45%, 53%
HSV	140°, 58%, 74%
XYZ	24.5762, 39.3184, 22.8244
YIQ	147.7880, -42.1270, -46.0230

Conversions

Conversions Part 2

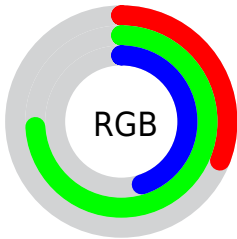
Format	Color
RYB	79, 161, 189
Decimal	5225844
CIELab	68.98, -47.76, 27.71
CIElCh	69, 55.218, 149.876
Yxy	39.3184, 0.2834, 0.4534
Android (android.graphics.Color)	4283415924 (0xFF4FBD74)
YUV	147.7880, -15.6715, -60.3271
Hunter-Lab	62.7044, -39.7719, 22.3115

Details

The Yxy color **39.3184, 0.2834, 0.4534** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **18.6791, 0.3687, 0.2338**, and the grayscale version is **29.6037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0945, 0.2903, 0.4265**, and **17.7332, 0.2716, 0.4977** is the 20% darker color. If you saturate the color by 10%, you get **38.3489, 0.2815, 0.4790**, and if you desaturate by 10%, it is **40.5609, 0.2867, 0.4281**.

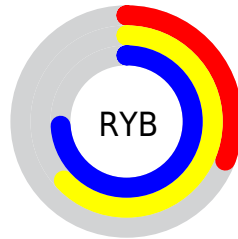
Distribution



Red (31%)

Green (74%)

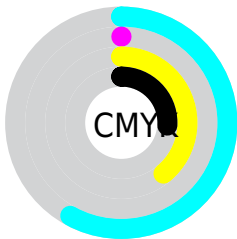
Blue (45%)



Red (31%)

Yellow (63%)

Blue (74%)

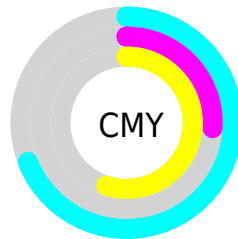


Cyan (58%)

Magenta (0%)

Yellow (39%)

Black (26%)



Cyan (69%)


Magenta (26%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3184, 0.2834, 0.4534 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 39.3184, 0.2834, 0.4534 by changing the saturation by 10% instead.


 39.3184, 0.2834,
0.4534


 39.3184, 0.2834,
0.4534


343.2423, 0.3008,
0.3851

 27.0075, 0.2780,
0.4725


 74.1245, 0.2905,
0.4271

 17.5789, 0.2703,
0.4983


 97.3884, 0.2929,
0.4176

 10.6481, 0.2588,
0.5348


 125.0722, 0.2949,
0.4099

 5.8307, 0.2399,
0.5897

 157.5602, 0.2965,
0.4033

 2.7424, 0.2118,
0.6988

195.2369, 0.2978,
0.3978

 0.9988, 0.0000,
1.0000

238.4865, 0.2990,

 0.0000, 0.0000,

0.3930

0.0000

287.6935, 0.3000,
0.3888

■ 39.3184, 0.2834,
0.4534

■ 39.3184, 0.2834,
0.4534

■ 38.3489, 0.2815,
0.4790

■ 40.5609, 0.2867,
0.4281

■ 37.6259, 0.2813,
0.5039

■ 42.0908, 0.2911,
0.4040

■ 37.1257, 0.2828,
0.5270

■ 43.9271, 0.2962,
0.3815

■ 36.8095, 0.2858,
0.5473

■ 46.0859, 0.3019,
0.3610

■ 36.7614, 0.2863,
0.5507

■ 48.5819, 0.3078,
0.3426

■ 51.4292, 0.3138,
0.3262

■ 54.6409, 0.3197,
0.3118

■ 58.2294, 0.3254,
0.2991

■ 62.2067, 0.3308,
0.2881

Harmonies

Analogous

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



39.3184, 0.3608, 0.4798



39.3184, 0.2834, 0.4534



39.3184, 0.2182, 0.3748

Triad

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



39.3184, 0.2834, 0.4534



39.3184, 0.1982, 0.2087



39.3184, 0.4646, 0.3381

Complementary

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



39.3184, 0.2834, 0.4534



18.6791, 0.3687, 0.2338

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.



39.3184, 0.4092, 0.2825



39.3184, 0.2834, 0.4534



39.3184, 0.2500, 0.2117

Square

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



39.3184, 0.2834, 0.4534



39.3184, 0.1750, 0.2332



39.3184, 0.3266, 0.2379



39.3184, 0.4701, 0.3974

Rectangle

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



39.3184, 0.2834, 0.4534



39.3184, 0.1899, 0.3160



39.3184, 0.3266, 0.2379



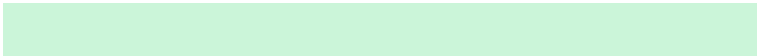
39.3184, 0.4511, 0.3188

Sweetspot

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



39.3200, 0.2834, 0.4534



82.9258, 0.3025, 0.3592



43.6684, 0.3609, 0.4831



17.6536, 0.3013, 0.3631



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.



39.3200, 0.2834, 0.4534



68.2592, 0.2813, 0.4864



40.9861, 0.2511, 0.3580



10.7012, 0.3071, 0.3446



24.7468, 0.2857, 0.5484



0.9818, 0.2714, 0.4972

Inverse Universe

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



18.6791, 0.3687, 0.2338



27.7931, 0.3868, 0.2195



17.2820, 0.4586, 0.3053



9.6402, 0.3188, 0.3139



8.2970, 0.4271, 0.2126



0.3367, 0.3957, 0.1953

Previews

White Background



This preview shows how the Yxy color 39.3184, 0.2834, 0.4534 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 39.3184, 0.2834, 0.4534 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 39.3184, 0.2834, 0.4534

Background



This preview shows how black text looks on a background with the Yxy color 39.3184, 0.2834, 0.4534.



This preview shows how white text looks on a background with the Yxy color 39.3184, 0.2834, 0.4534.

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

39.3184, 0.2834, 0.4534

Protanopia

38.6441, 0.3809, 0.4116

Deuteranopia

38.5774, 0.3862, 0.3778



Tritanopia

39.3043, 0.2461, 0.3078

Trichromacy



Original Color

39.3184, 0.2834, 0.4534



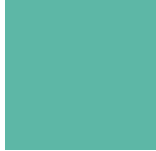
Protanomaly

37.8055, 0.3385, 0.4291



Deuteranomaly

37.4504, 0.3411, 0.4059



Tritanomaly

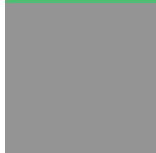
38.9473, 0.2590, 0.3561

Monochromacy



Original Color

39.3184, 0.2834, 0.4534



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

32.1829, 0.2988, 0.3740

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3184, 0.2834, 0.4534 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(79, 189, 116)` looks like.

```
.text, #text, p{  
    color:rgb(79, 189, 116)  
}
```

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(79, 189, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 189, 116) }
```

Border

The CSS property to change the border of an element to Yxy 39.3184, 0.2834, 0.4534 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(79, 189, 116) }
```

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

```
.border{ border-color:rgb(79, 189, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 189, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 189, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 189, 116);  
box-shadow:4px 4px 4px 4px rgb(79, 189,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3184, 0.2834, 0.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 189, 116) }
```

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

```
.background{ background-color: rgb(79, 189,  
116) }
```

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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