

Converting Colors

$Yxy(39.2081, 0.2872, 0.4116)$

Have a look what the booklet for
Yxy(39.2081, 0.2872, 0.4116)
contains.

Yxy(39.4224, 0.2874, 0.4123)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4224, 0.2874, 0.4123)

Conversions

Conversions Part 1

Format	Color
Hex	69B986
RGB	105, 185, 134
RGB Percent	41%, 73%, 53%
CMY	0.5881, 0.2745, 0.4745
CMYK	0.43, 0.00, 0.28, 0.27
HSL	142°, 36%, 57%
HSV	142°, 43%, 73%
XYZ	27.4800, 39.4224, 28.7134
YIQ	155.2660, -31.3090, -32.8210

Conversions

Conversions Part 2

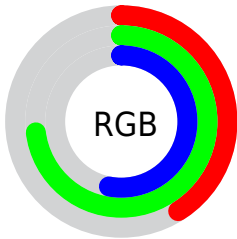
Format	Color
RYB	105, 164, 185
Decimal	6928774
CIELab	69.06, -36.00, 18.39
CIELCh	69, 40.428, 152.936
Yxy	39.4224, 0.2874, 0.4123
Android (android.graphics.Color)	4285118854 (0xFF69B986)
YUV	155.2660, -10.4841, -44.0833
Hunter-Lab	62.7873, -31.7539, 16.8370

Details

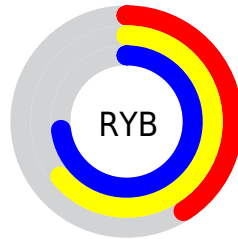
The Yxy color **39.4224, 0.2874, 0.4123** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **22.8250, 0.3525, 0.2590**, and the grayscale version is **32.9636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5657, 0.2933, 0.3960**, and **17.5765, 0.2781, 0.4410** is the 20% darker color. If you saturate the color by 10%, you get **38.1115, 0.2833, 0.4361**, and if you desaturate by 10%, it is **41.0169, 0.2925, 0.3899**.

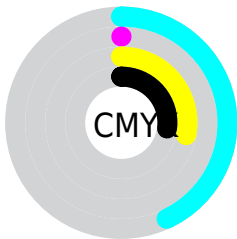
Distribution



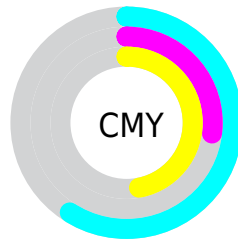
- Red (41%)
- Green (73%)
- Blue (53%)



- Red (41%)
- Yellow (64%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (28%)
- Black (27%)




- Cyan (59%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4224, 0.2874, 0.4123 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 39.4224, 0.2874, 0.4123 by changing the saturation by 10% instead.


 39.4224, 0.2874,
0.4123


 39.4224, 0.2874,
0.4123


343.6830, 0.3015,
0.3673

 27.0885, 0.2834,
0.4247


 74.2832, 0.2929,
0.3951

 17.6397, 0.2778,
0.4414


 97.5788, 0.2948,
0.3889

 10.6916, 0.2698,
0.4649

 125.2971, 0.2964,
0.3838

 5.8599, 0.2572,
0.5005

 157.8225, 0.2978,
0.3794

 2.7601, 0.2351,
0.5597

195.5395, 0.2989,
0.3757

 1.0078, 0.0685,
0.9315

238.8322, 0.2999,

 0.0000, 0.0000,

0.3726

0.0000

288.0853, 0.3008,
0.3698

■ 39.4224, 0.2874,
0.4123

■ 39.4224, 0.2874,
0.4123

■ 38.1115, 0.2833,
0.4361

■ 41.0169, 0.2925,
0.3899

■ 37.0623, 0.2805,
0.4606

■ 42.9059, 0.2982,
0.3693

■ 36.2572, 0.2793,
0.4851


■ 45.1055, 0.3044,
0.3507

■ 35.6744, 0.2799,
0.5087


■ 47.6292, 0.3107,
0.3340


■ 35.2879, 0.2822,
0.5303

■ 50.4897, 0.3170,
0.3192

 35.1032, 0.2843,
0.5435

 53.6990, 0.3231,
0.3062

 57.2685, 0.3291,
0.2948

 61.2091, 0.3348,
0.2849

 62.2602, 0.3271,
0.2739

Harmonies

Analogous

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



39.4224, 0.3457, 0.4378



39.4224, 0.2874, 0.4123



39.4224, 0.2387, 0.3565

Triad

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



39.4224, 0.2874, 0.4123



39.4224, 0.2288, 0.2367



39.4224, 0.4262, 0.3438

Complementary

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



39.4224, 0.2874, 0.4123



22.8250, 0.3525, 0.2590

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.



39.4224, 0.3889, 0.2991



39.4224, 0.2874, 0.4123



39.4224, 0.2718, 0.2401

Square

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



39.4224, 0.2874, 0.4123



39.4224, 0.2079, 0.2552



39.4224, 0.3303, 0.2624



39.4224, 0.4286, 0.3893

Rectangle

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



39.4224, 0.2874, 0.4123



39.4224, 0.2176, 0.3156



39.4224, 0.3303, 0.2624



39.4224, 0.4173, 0.3284

Sweetspot

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



39.4240, 0.2874, 0.4123



80.7899, 0.3044, 0.3506



42.8875, 0.3501, 0.4441



17.2194, 0.3030, 0.3546



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.



39.4240, 0.2874, 0.4123



68.3376, 0.2834, 0.4351



40.7202, 0.2621, 0.3474



10.1124, 0.3068, 0.3439



23.9151, 0.2837, 0.5412



0.8551, 0.2684, 0.4861

Inverse Universe

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



22.8250, 0.3525, 0.2590



34.6669, 0.3652, 0.2445



21.7086, 0.4067, 0.3123



9.1060, 0.3191, 0.3145



7.9279, 0.4369, 0.2180



0.2909, 0.3998, 0.1976

Previews

White Background



This preview shows how the Yxy color 39.4224, 0.2874, 0.4123 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 39.4224, 0.2874, 0.4123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

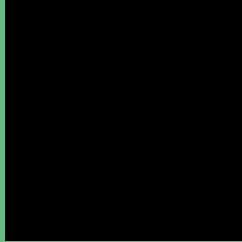
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4224, 0.2874, 0.4123

Background



This preview shows how black text looks on a background with the Yxy color 39.4224, 0.2874, 0.4123.



This preview shows how white text looks on a background with the Yxy color 39.4224, 0.2874, 0.4123.

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

39.4224, 0.2874, 0.4123

Protanopia

38.7275, 0.3610, 0.3865

Deuteranopia

38.8232, 0.3661, 0.3585



Tritanopia

39.4981, 0.2568, 0.3082

Trichromacy



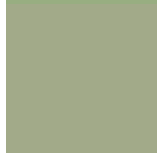
Original Color

39.4224, 0.2874, 0.4123



Protanomaly

38.5325, 0.3301, 0.3968



Deuteranomaly

38.2370, 0.3336, 0.3775



Tritanomaly

39.4987, 0.2675, 0.3443

Monochromacy



Original Color

39.4224, 0.2874, 0.4123



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

34.6974, 0.3022, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4224, 0.2874, 0.4123 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(105, 185, 134)` looks like.

```
.text, #text, p{  
    color:rgb(105, 185, 134)  
}
```

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(105, 185, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 185, 134) }
```

Border

The CSS property to change the border of an element to Yxy 39.4224, 0.2874, 0.4123 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(105, 185, 134) }
```

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

```
.border{ border-color:rgb(105, 185, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 185, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 185, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 185, 134);  
box-shadow:4px 4px 4px 4px rgb(105, 185,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4224, 0.2874, 0.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 185, 134) }
```

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

```
.background{ background-color: rgb(105,  
185, 134) }
```

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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