

Converting Colors

Yxy(39.8134, 0.3011, 0.4269)

Have a look what the booklet for
Yxy(39.8134, 0.3011, 0.4269)
contains.

Yxy(39.7980, 0.3013, 0.4274)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7980, 0.3013, 0.4274)

Conversions

Conversions Part 1

Format	Color
Hex	73B97C
RGB	115, 185, 124
RGB Percent	45%, 73%, 49%
CMY	0.5490, 0.2745, 0.5138
CMYK	0.38, 0.00, 0.33, 0.27
HSL	128°, 33%, 59%
HSV	128°, 38%, 73%
XYZ	28.0560, 39.7980, 25.2625
YIQ	157.1160, -22.1390, -33.8110

Conversions

Conversions Part 2

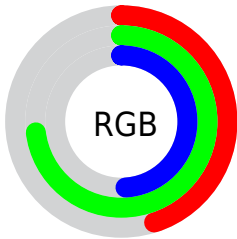
Format	Color
RYB	115, 177, 185
Decimal	7584124
CIELab	69.33, -34.87, 24.22
CIELCh	69, 42.453, 145.218
Yxy	39.7980, 0.3013, 0.4274
Android (android.graphics.Color)	4285774204 (0xFF73B97C)
YUV	157.1160, -16.3262, -36.9357
Hunter-Lab	63.0857, -31.0158, 20.4174

Details

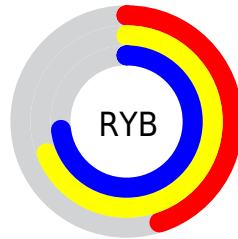
The Yxy color **39.7980, 0.3013, 0.4274** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **25.7129, 0.3269, 0.2473**, and the grayscale version is **33.8542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5199, 0.3041, 0.4065**, and **17.7511, 0.2953, 0.4623** is the 20% darker color. If you saturate the color by 10%, you get **38.2936, 0.2987, 0.4589**, and if you desaturate by 10%, it is **41.6242, 0.3042, 0.3977**.

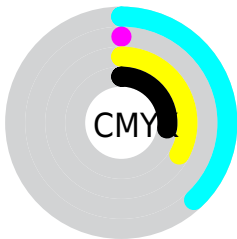
Distribution



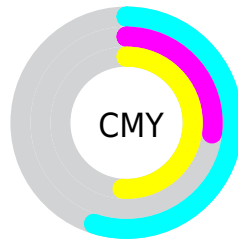
- Red (45%)
- Green (73%)
- Blue (49%)



- Red (45%)
- Yellow (69%)
- Blue (73%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)




- Cyan (55%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7980, 0.3013, 0.4274 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 39.7980, 0.3013, 0.4274 by changing the saturation by 10% instead.


 39.7980, 0.3013,
0.4274


 39.7980, 0.3013,
0.4274


345.2714, 0.3087,
0.3742


 27.3811, 0.2988,
0.4420


 74.8558, 0.3044,
0.4071

 17.8596, 0.2952,
0.4617


 98.2655, 0.3055,
0.3997

 10.8493, 0.2894,
0.4893


 126.1082, 0.3063,
0.3937

 5.9656, 0.2796,
0.5305

158.7684, 0.3069,
0.3885

 2.8242, 0.2623,
0.6021

196.6304, 0.3075,
0.3842

 1.0406, 0.1111,
0.8889


240.0787, 0.3079,


 0.0000, 0.0000,


0.3804

0.0000

289.4975, 0.3083,
0.3771

 39.7980, 0.3013,
0.4274


 39.7980, 0.3013,
0.4274


 38.2936, 0.2987,
0.4589


 41.6242, 0.3042,
0.3977


 37.0876, 0.2967,
0.4910


 43.7840, 0.3073,
0.3704

 36.1613, 0.2954,
0.5218


 46.2949, 0.3104,
0.3461

 35.4920, 0.2951,
0.5494

 49.1716, 0.3134,
0.3246


 35.0532, 0.2958,
0.5717

 52.4279, 0.3162,
0.3059


 34.8059, 0.2971,
0.5875

 56.0770, 0.3189,
0.2896

 34.7648, 0.2973,
0.5901

 60.1313, 0.3213,
0.2756

 63.0526, 0.3174,
0.2622

 63.1801, 0.3159,
0.2604

Harmonies

Analogous

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



39.7980, 0.3621, 0.4432



39.7980, 0.3013, 0.4274



39.7980, 0.2466, 0.3744

Triad

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



39.7980, 0.3013, 0.4274



39.7980, 0.2174, 0.2354



39.7980, 0.4247, 0.3317

Complementary

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



39.7980, 0.3013, 0.4274



25.7129, 0.3269, 0.2473

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.



39.7980, 0.3779, 0.2868



39.7980, 0.3013, 0.4274



39.7980, 0.2564, 0.2336

Square

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



39.7980, 0.3013, 0.4274



39.7980, 0.2020, 0.2607



39.7980, 0.3144, 0.2521



39.7980, 0.4368, 0.3796

Rectangle

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



39.7980, 0.3013, 0.4274



39.7980, 0.2207, 0.3309



39.7980, 0.3144, 0.2521



39.7980, 0.4123, 0.3160

Sweetspot

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



39.7997, 0.3013, 0.4274



81.3344, 0.3093, 0.3539



45.2661, 0.3611, 0.4241



17.4023, 0.3089, 0.3571



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.



39.7997, 0.3013, 0.4274



69.1006, 0.2992, 0.4522



40.8196, 0.2779, 0.3707



10.0784, 0.3099, 0.3495



23.6765, 0.2969, 0.5888



0.8408, 0.2870, 0.5533

Inverse Universe

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



25.7129, 0.3269, 0.2473



40.4148, 0.3305, 0.2312



24.5251, 0.3685, 0.2914



9.1424, 0.3157, 0.3093



8.7898, 0.3556, 0.1733



0.3154, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 39.7980, 0.3013, 0.4274 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 39.7980, 0.3013, 0.4274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

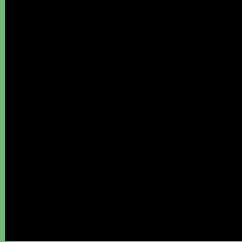
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7980, 0.3013, 0.4274

Background



This preview shows how black text looks on a background with the Yxy color 39.7980, 0.3013, 0.4274.



This preview shows how white text looks on a background with the Yxy color 39.7980, 0.3013, 0.4274.

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

39.7980, 0.3013, 0.4274

Protanopia

39.2347, 0.3717, 0.3995

Deuteranopia

39.4314, 0.3795, 0.3725



Tritanopia

39.7951, 0.2638, 0.3085

Trichromacy



Original Color

39.7980, 0.3013, 0.4274



Protanomaly

38.8973, 0.3431, 0.4091



Deuteranomaly

38.6066, 0.3481, 0.3912



Tritanomaly

39.6435, 0.2768, 0.3488

Monochromacy



Original Color

39.7980, 0.3013, 0.4274



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

35.4326, 0.3084, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7980, 0.3013, 0.4274 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(115, 185, 124)` looks like.

```
.text, #text, p{  
    color:rgb(115, 185, 124)  
}
```

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(115, 185, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 185, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.7980, 0.3013, 0.4274 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(115, 185, 124) }
```

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

```
.border{ border-color:rgb(115, 185, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 185, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 185, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 185, 124);  
box-shadow:4px 4px 4px 4px rgb(115, 185,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7980, 0.3013, 0.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 185, 124) }
```

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

```
.background{ background-color: rgb(115,  
185, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor