

Converting Colors

Yxy(50.5839, 0.3184, 0.4374)

Have a look what the booklet for
Yxy(50.5839, 0.3184, 0.4374)
contains.

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Color

Yxy(50.5839, 0.3184, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	8FCC80
RGB	143, 204, 128
RGB Percent	56%, 80%, 50%
CMY	0.4390, 0.2000, 0.4981
CMYK	0.30, 0.00, 0.37, 0.20
HSL	108°, 43%, 65%
HSV	108°, 37%, 80%
XYZ	36.8219, 50.5839, 28.2409
YIQ	177.0970, -11.9600, -36.5680

Conversions

Conversions Part 2

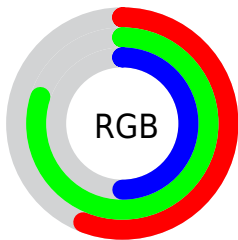
Format	Color
RYB	128, 204, 189
Decimal	9424000
CIELab	76.43, -33.89, 31.81
CIElCh	76, 46.482, 136.817
Yxy	50.5839, 0.3184, 0.4374
Android (android.graphics.Color)	4287614080 (0xFF8FCC80)
YUV	177.0970, -24.2048, -29.9031
Hunter-Lab	71.1224, -32.0499, 26.2430

Details

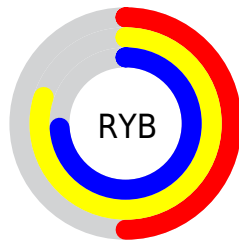
The Yxy color **50.5839, 0.3184, 0.4374** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **30.6067, 0.3019, 0.2334**, and the grayscale version is **44.1596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9032, 0.3186, 0.4102**, and **24.2186, 0.3168, 0.4695** is the 20% darker color. If you saturate the color by 10%, you get **48.7461, 0.3188, 0.4711**, and if you desaturate by 10%, it is **52.7469, 0.3174, 0.4049**.

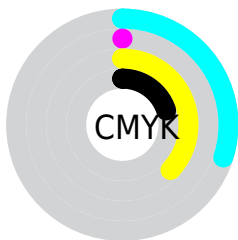
Distribution



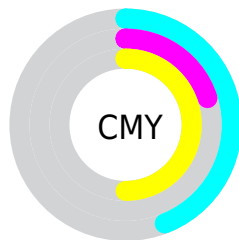
- Red (56%)
- Green (80%)
- Blue (50%)



- Red (50%)
- Yellow (80%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5839, 0.3184, 0.4374 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 50.5839, 0.3184, 0.4374 by changing the saturation by 10% instead.

 50.5839, 0.3184,
0.4374

 50.5839, 0.3184,
0.4374


388.9450, 0.3174,
0.3812

 35.8776, 0.3180,
0.4519


 91.0394, 0.3185,
0.4166

 24.3397, 0.3170,
0.4708


 117.5574, 0.3184,
0.4089

 15.5858, 0.3149,
0.4962


 148.7813, 0.3183,
0.4024

 9.2315, 0.3105,
0.5319

185.0957, 0.3181,
0.3969

 4.8925, 0.3004,
0.5846

226.8849, 0.3179,
0.3921

 2.1843, 0.2924,
0.7076

274.5332, 0.3178,

 0.7114, 0.0000,

0.3880

1.0000

328.4251, 0.3176,
0.3844

0.0000, 0.0000,
0.0000

50.5839, 0.3184,
0.4374

50.5839, 0.3184,
0.4374

48.7461, 0.3188,
0.4711

52.7469, 0.3174,
0.4049

47.2114, 0.3183,
0.5044

55.2433, 0.3159,
0.3746

45.9649, 0.3168,
0.5351


58.0889, 0.3141,
0.3471

44.9877, 0.3144,
0.5611


61.2966, 0.3122,
0.3226

44.2587, 0.3111,
0.5805

64.8786, 0.3102,
0.3009

 43.7518, 0.3073,
0.5924

 68.8466, 0.3082,
0.2819

 43.6434, 0.3065,
0.5949

 71.6641, 0.3151,
0.2791

Harmonies

Analogous

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



50.5839, 0.3785, 0.4415



50.5839, 0.3184, 0.4374



50.5839, 0.2598, 0.3925

Triad

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



50.5839, 0.3184, 0.4374



50.5839, 0.2096, 0.2391



50.5839, 0.4157, 0.3183

Complementary

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



50.5839, 0.3184, 0.4374



30.6067, 0.3019, 0.2334

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.



50.5839, 0.3612, 0.2752



50.5839, 0.3184, 0.4374



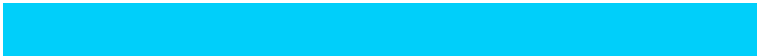
50.5839, 0.2425, 0.2310

Square

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



50.5839, 0.3184, 0.4374



50.5839, 0.2011, 0.2716



50.5839, 0.2966, 0.2443



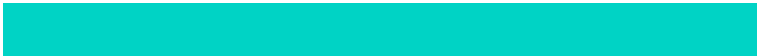
50.5839, 0.4387, 0.3665

Rectangle

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



50.5839, 0.3184, 0.4374



50.5839, 0.2295, 0.3493



50.5839, 0.2966, 0.2443



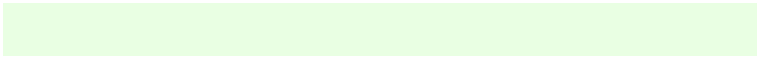
50.5839, 0.4001, 0.3030

Sweetspot

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



50.5861, 0.3184, 0.4374



94.3039, 0.3148, 0.3574



50.7024, 0.3745, 0.4044



20.0456, 0.3151, 0.3612



0.0000, 0.0000, 0.0000



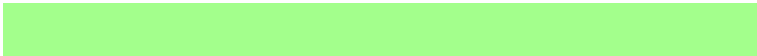
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5861, 0.3184, 0.4374



81.2051, 0.3188, 0.4654



50.0002, 0.2932, 0.4065



12.6422, 0.3145, 0.3527



27.5022, 0.3071, 0.5943



1.4512, 0.3203, 0.5839

Inverse Universe

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



30.6067, 0.3019, 0.2334



43.2506, 0.2984, 0.2122



31.6169, 0.3405, 0.2627



11.2872, 0.3107, 0.3059



7.7240, 0.2716, 0.1270



0.4278, 0.2818, 0.1326

Previews

White Background



This preview shows how the Yxy color 50.5839, 0.3184, 0.4374 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 50.5839, 0.3184, 0.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

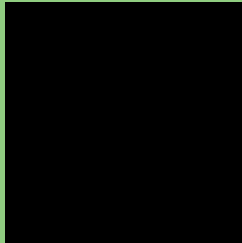
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5839, 0.3184, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 50.5839, 0.3184, 0.4374.



This preview shows how white text looks on a background with the Yxy color 50.5839, 0.3184, 0.4374.

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

50.5839, 0.3184, 0.4374

Protanopia

50.1843, 0.3803, 0.4118

Deuteranopia

50.0239, 0.3917, 0.3843



Tritanopia

50.4048, 0.2741, 0.3081

Trichromacy



Original Color

50.5839, 0.3184, 0.4374



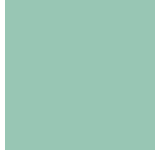
Protanomaly

49.9839, 0.3557, 0.4211



Deuteranomaly

49.5032, 0.3629, 0.4034



Tritanomaly

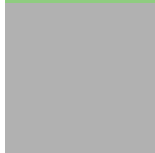
50.3589, 0.2905, 0.3535

Monochromacy



Original Color

50.5839, 0.3184, 0.4374



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

46.0432, 0.3159, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5839, 0.3184, 0.4374 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(143, 204, 128)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 128)  
}
```

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(143, 204, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 128) }
```

Border

The CSS property to change the border of an element to Yxy 50.5839, 0.3184, 0.4374 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(143, 204, 128) }
```

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

```
.border{ border-color:rgb(143, 204, 128) }
```

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

Here you see how a box with a 4 pixel rgb(143, 204, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 128);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5839, 0.3184, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 128) }
```

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

```
.background{ background-color: rgb(143,  
204, 128) }
```

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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