

Converting Colors

Yxy(51.2094, 0.3399, 0.4084)

Have a look what the booklet for
Yxy(51.2094, 0.3399, 0.4084)
contains.

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Color

Yxy(50.9976, 0.3394, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	B0C58A
RGB	176, 197, 138
RGB Percent	69%, 77%, 54%
CMY	0.3097, 0.2275, 0.4588
CMYK	0.11, 0.00, 0.30, 0.23
HSL	81°, 34%, 66%
HSV	81°, 30%, 77%
XYZ	42.4646, 50.9976, 31.6545
YIQ	183.9950, 6.4230, -22.8010

Conversions

Conversions Part 2

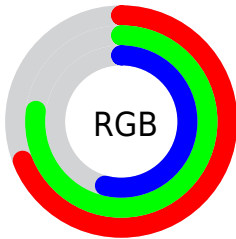
Format	Color
RYB	138, 197, 159
Decimal	11584906
CIELab	76.68, -17.23, 27.30
CIELCh	77, 32.283, 122.268
Yxy	50.9976, 0.3394, 0.4076
Android (android.graphics.Color)	4289774986 (0xFFB0C58A)
YUV	183.9950, -22.6755, -7.0116
Hunter-Lab	71.4126, -18.8292, 23.7078

Details

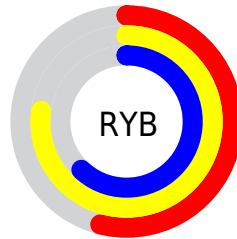
The Yxy color `50.9976, 0.3394, 0.4076` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `29.5801, 0.2793, 0.2469`, and the grayscale version is `48.0594, 0.3127, 0.3290`.

A 20% lighter version of the original color is `91.8452, 0.3350, 0.3933`, and `24.5440, 0.3460, 0.4308` is the 20% darker color. If you saturate the color by 10%, you get `49.6846, 0.3474, 0.4356`, and if you desaturate by 10%, it is `52.4607, 0.3307, 0.3800`.

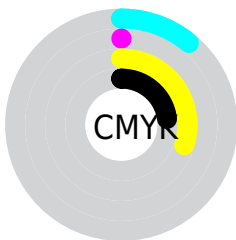
Distribution



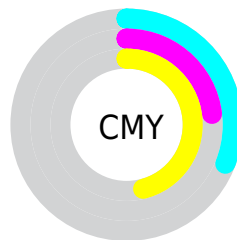
- Red (69%)
- Green (77%)
- Blue (54%)



- Red (54%)
- Yellow (77%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)




- Cyan (31%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9976, 0.3394, 0.4076 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 50.9976, 0.3394, 0.4076 by changing the saturation by 10% instead.


 50.9976, 0.3394,
0.4076

 50.9976, 0.3394,
0.4076

390.5545, 0.3271,
0.3678


 36.2067, 0.3421,
0.4176


 91.6512, 0.3352,
0.3931

 24.5939, 0.3453,
0.4305


 118.2827, 0.3336,
0.3876

 15.7747, 0.3490,
0.4475


 149.6299, 0.3321,
0.3830

 9.3649, 0.3534,
0.4711

186.0771, 0.3309,
0.3791

 4.9799, 0.3576,
0.5054

228.0088, 0.3298,
0.3757

 2.2355, 0.3806,
0.5924

275.8093, 0.3288,

 0.7392, 0.2761,

0.3727

0.7239

329.8631, 0.3279,
0.3701

0.0000, 0.0000,
0.0000

50.9976, 0.3394,
0.4076

50.9976, 0.3394,
0.4076

49.6846, 0.3474,
0.4356

52.4607, 0.3307,
0.3800

48.5087, 0.3543,
0.4632

54.0729, 0.3217,
0.3536

47.4654, 0.3595,
0.4890

55.8419, 0.3127,
0.3289

46.5472, 0.3626,
0.5118

57.7729, 0.3039,
0.3060

45.7457, 0.3634,
0.5306

59.8707, 0.2956,
0.2852

■ 45.0510, 0.3617,
0.5444

■ 62.0617, 0.2885,
0.2674

■ 44.4449, 0.3580,
0.5539

■ 63.1642, 0.2935,
0.2683

■ 44.4415, 0.3580,
0.5540

■ 64.3128, 0.2985,
0.2692

■ 65.5081, 0.3036,
0.2701

Harmonies

Analogous

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



50.9976, 0.3773, 0.4008



50.9976, 0.3394, 0.4076



50.9976, 0.2960, 0.3890

Triad

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



50.9976, 0.3394, 0.4076



50.9976, 0.2333, 0.2754



50.9976, 0.3677, 0.3065

Complementary

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



50.9976, 0.3394, 0.4076



29.5801, 0.2793, 0.2469

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.



50.9976, 0.3253, 0.2782



50.9976, 0.3394, 0.4076



50.9976, 0.2493, 0.2597

Square

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



50.9976, 0.3394, 0.4076



50.9976, 0.2366, 0.3078



50.9976, 0.2819, 0.2613



50.9976, 0.3953, 0.3411

Rectangle

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



50.9976, 0.3394, 0.4076



50.9976, 0.2698, 0.3646



50.9976, 0.2819, 0.2613



50.9976, 0.3546, 0.2961

Sweetspot

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



50.9998, 0.3394, 0.4076



97.0949, 0.3209, 0.3516



38.3835, 0.3710, 0.3564



20.6865, 0.3223, 0.3553



0.0000, 0.0000, 0.0000



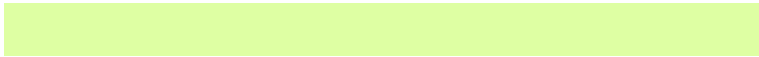
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9998, 0.3394, 0.4076



89.7607, 0.3448, 0.4262



47.9559, 0.3155, 0.4138



12.2212, 0.3212, 0.3522



29.2811, 0.3587, 0.5534



1.4260, 0.3716, 0.5432

Inverse Universe

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



29.5801, 0.2793, 0.2469



45.1975, 0.2701, 0.2265



32.9220, 0.3074, 0.2534



10.4678, 0.3037, 0.3055



3.5510, 0.1785, 0.0757



0.2088, 0.2027, 0.0890

Previews

White Background



This preview shows how the Yxy color 50.9976, 0.3394, 0.4076 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 50.9976, 0.3394, 0.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

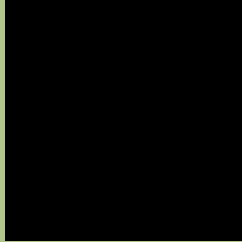
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9976, 0.3394, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 50.9976, 0.3394, 0.4076.



This preview shows how white text looks on a background with the Yxy color 50.9976, 0.3394, 0.4076.

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

50.9976, 0.3394, 0.4076

Protanopia

50.9538, 0.3696, 0.3973

Deuteranopia

50.6588, 0.3844, 0.3762



Tritanopia

51.0691, 0.2984, 0.3103

Trichromacy



Original Color

50.9976, 0.3394, 0.4076

Protanomaly

50.9179, 0.3588, 0.4017

Deuteranomaly

50.5559, 0.3673, 0.3872

Tritanomaly

50.9396, 0.3136, 0.3445

Monochromacy



Original Color

50.9976, 0.3394, 0.4076

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.0090, 0.3230, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9976, 0.3394, 0.4076 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(176, 197, 138)` looks like.

```
.text, #text, p{  
    color:rgb(176, 197, 138)  
}
```

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(176, 197, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 197, 138) }
```

Border

The CSS property to change the border of an element to Yxy 50.9976, 0.3394, 0.4076 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(176, 197, 138) }
```

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

```
.border{ border-color:rgb(176, 197, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 197, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 197, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 197, 138);  
box-shadow:4px 4px 4px 4px rgb(176, 197,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9976, 0.3394, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 197, 138) }
```

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

```
.background{ background-color: rgb(176,  
197, 138) }
```

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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