

Converting Colors

Yxy(53.6539, 0.3398, 0.4078)

Have a look what the booklet for
Yxy(53.6539, 0.3398, 0.4078)
contains.

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Color

Yxy(53.3997, 0.3396, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	B4C98D
RGB	180, 201, 141
RGB Percent	71%, 79%, 55%
CMY	0.2942, 0.2117, 0.4470
CMYK	0.10, 0.00, 0.30, 0.21
HSL	81°, 36%, 67%
HSV	81°, 30%, 79%
XYZ	44.5129, 53.3997, 33.1618
YIQ	187.8810, 6.7440, -23.1120

Conversions

Conversions Part 2

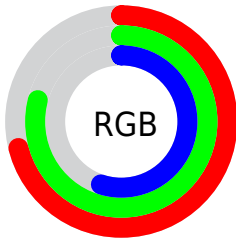
Format	Color
RYB	141, 201, 162
Decimal	11848077
CIELab	78.11, -17.36, 27.70
CIELCh	78, 32.689, 122.081
Yxy	53.3997, 0.3396, 0.4074
Android (android.graphics.Color)	4290038157 (0xFFB4C98D)
YUV	187.8810, -23.1123, -6.9116
Hunter-Lab	73.0751, -19.1502, 24.2465

Details

The Yxy color **53.3997, 0.3396, 0.4074** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.9545, 0.2791, 0.2470**, and the grayscale version is **50.3484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2930, 0.3357, 0.3905**, and **26.1176, 0.3462, 0.4299** is the 20% darker color. If you saturate the color by 10%, you get **52.0327, 0.3477, 0.4354**, and if you desaturate by 10%, it is **54.9230, 0.3308, 0.3798**.

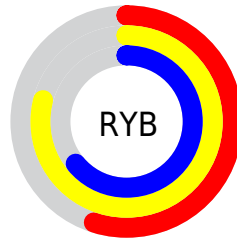
Distribution



Red (71%)

Green (79%)

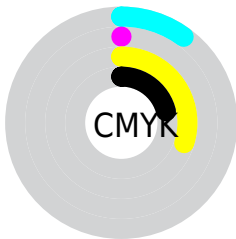
Blue (55%)



Red (55%)

Yellow (79%)

Blue (64%)

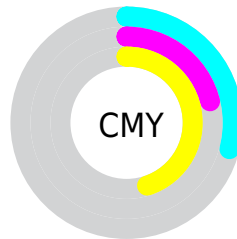


Cyan (10%)

Magenta (0%)

Yellow (30%)

Black (21%)



Cyan (29%)


Magenta (21%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3997, 0.3396, 0.4074 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 53.3997, 0.3396, 0.4074 by changing the saturation by 10% instead.

 53.3997, 0.3396,
0.4074


 53.3997, 0.3396,
0.4074


399.8167, 0.3273,
0.3680


 38.1219, 0.3423,
0.4172


 95.1923, 0.3354,
0.3931

 26.0773, 0.3454,
0.4298


 122.4759, 0.3338,
0.3877

 16.8815, 0.3492,
0.4463


 154.5302, 0.3323,
0.3832

 10.1500, 0.3535,
0.4690

191.7397, 0.3311,
0.3793

 5.4986, 0.3578,
0.5018

234.4887, 0.3300,
0.3759

 2.5426, 0.3728,
0.5718

283.1616, 0.3290,

 0.8979, 0.3236,

0.3729

0.6764

338.1428, 0.3281,
0.3703

0.0000, 0.0000,
0.0000

53.3997, 0.3396,
0.4074

53.3997, 0.3396,
0.4074

52.0327, 0.3477,
0.4354

54.9230, 0.3308,
0.3798

50.8085, 0.3547,
0.4629

56.6015, 0.3217,
0.3534

49.7223, 0.3600,
0.4887


58.4434, 0.3126,
0.3286


48.7663, 0.3632,
0.5115

60.4540, 0.3038,
0.3058

47.9316, 0.3640,
0.5301

62.6383, 0.2953,
0.2849

 47.2079, 0.3624,
0.5439


 64.5680, 0.2916,
0.2723

 46.5766, 0.3587,
0.5533

 65.7058, 0.2966,
0.2731

 46.5676, 0.3587,
0.5534

 66.8905, 0.3016,
0.2739

 68.1229, 0.3067,
0.2748

Harmonies

Analogous

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



53.3997, 0.3773, 0.4005



53.3997, 0.3396, 0.4074



53.3997, 0.2963, 0.3890

Triad

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



53.3997, 0.3396, 0.4074



53.3997, 0.2335, 0.2757



53.3997, 0.3673, 0.3064

Complementary

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



53.3997, 0.3396, 0.4074



30.9545, 0.2791, 0.2470

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.



53.3997, 0.3250, 0.2781



53.3997, 0.3396, 0.4074



53.3997, 0.2493, 0.2600

Square

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



53.3997, 0.3396, 0.4074



53.3997, 0.2368, 0.3081



53.3997, 0.2818, 0.2615



53.3997, 0.3949, 0.3408

Rectangle

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



53.3997, 0.3396, 0.4074



53.3997, 0.2702, 0.3648



53.3997, 0.2818, 0.2615



53.3997, 0.3542, 0.2960

Sweetspot

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



53.4020, 0.3396, 0.4074



97.1150, 0.3210, 0.3516



40.1855, 0.3709, 0.3564



20.6915, 0.3224, 0.3553



0.0000, 0.0000, 0.0000



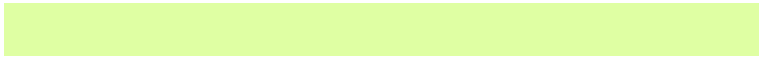
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4020, 0.3396, 0.4074



89.8310, 0.3451, 0.4261



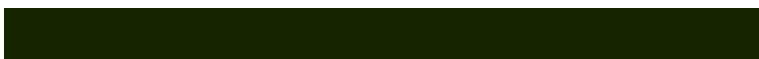
50.1862, 0.3155, 0.4136



12.2238, 0.3212, 0.3522



29.3291, 0.3595, 0.5527



1.4280, 0.3722, 0.5427

Inverse Universe

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



30.9545, 0.2791, 0.2470



45.1382, 0.2697, 0.2264



34.4767, 0.3074, 0.2535



10.4653, 0.3036, 0.3055



3.5275, 0.1778, 0.0753



0.2075, 0.2020, 0.0886

Previews

White Background



This preview shows how the Yxy color 53.3997, 0.3396, 0.4074 looks on a white background.

Color Contrast Check

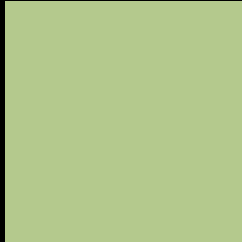
Large Text (above 18pt) WCAG AA × Fail

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 53.3997, 0.3396, 0.4074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

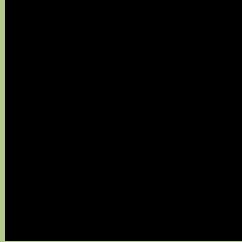
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3997, 0.3396, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 53.3997, 0.3396, 0.4074.



This preview shows how white text looks on a background with the Yxy color 53.3997, 0.3396, 0.4074.

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

53.3997, 0.3396, 0.4074

Protanopia

53.3560, 0.3693, 0.3973

Deuteranopia

53.0424, 0.3837, 0.3765



Tritanopia

53.0722, 0.2986, 0.3094

Trichromacy



Original Color

53.3997, 0.3396, 0.4074

Protanomaly

53.3206, 0.3587, 0.4016

Deuteranomaly

52.9464, 0.3671, 0.3874

Tritanomaly

52.9300, 0.3137, 0.3429

Monochromacy



Original Color

53.3997, 0.3396, 0.4074

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3945, 0.3228, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3997, 0.3396, 0.4074 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(180, 201, 141)` looks like.

```
.text, #text, p{  
    color:rgb(180, 201, 141)  
}
```

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(180, 201, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 201, 141) }
```

Border

The CSS property to change the border of an element to Yxy 53.3997, 0.3396, 0.4074 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(180, 201, 141) }
```

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

```
.border{ border-color:rgb(180, 201, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 201, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 201, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 201, 141);  
box-shadow:4px 4px 4px 4px rgb(180, 201,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3997, 0.3396, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 201, 141) }
```

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

```
.background{ background-color: rgb(180,  
201, 141) }
```

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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