

Converting Colors

Yxy(58.6717, 0.3333, 0.4044)

Have a look what the booklet for
Yxy(58.6717, 0.3333, 0.4044)
contains.

Yxy(58.3948, 0.3331, 0.4039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.3948, 0.3331, 0.4039)

Conversions

Conversions Part 1

Format	Color
Hex	B7D297
RGB	183, 210, 151
RGB Percent	72%, 82%, 59%
CMY	0.2824, 0.1764, 0.4077
CMYK	0.13, 0.00, 0.28, 0.18
HSL	88°, 40%, 71%
HSV	88°, 28%, 82%
XYZ	48.1587, 58.3948, 38.0238
YIQ	195.2010, 2.8470, -24.0730

Conversions

Conversions Part 2

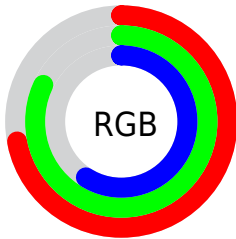
Format	Color
RYB	151, 210, 178
Decimal	12046999
CIELab	80.96, -19.31, 26.33
CIElCh	81, 32.651, 126.259
Yxy	58.3948, 0.3331, 0.4039
Android (android.graphics.Color)	4290237079 (0xFFB7D297)
YUV	195.2010, -21.7911, -10.7003
Hunter-Lab	76.4165, -21.2357, 23.9896

Details

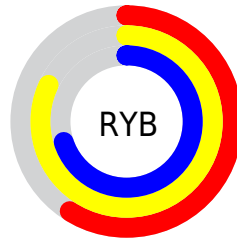
The Yxy color **58.3948, 0.3331, 0.4039** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.2694, 0.2869, 0.2533**, and the grayscale version is **54.8308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3270, 0.3312, 0.3787**, and **29.0299, 0.3366, 0.4235** is the 20% darker color. If you saturate the color by 10%, you get **56.6344, 0.3395, 0.4332**, and if you desaturate by 10%, it is **60.3626, 0.3260, 0.3757**.

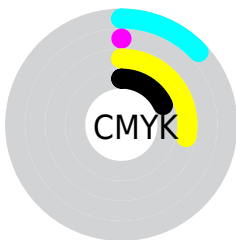
Distribution



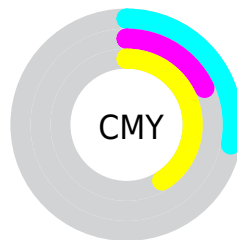
- Red (72%)
- Green (82%)
- Blue (59%)



- Red (59%)
- Yellow (82%)
- Blue (70%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)




- Cyan (28%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3948, 0.3331, 0.4039 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 58.3948, 0.3331, 0.4039 by changing the saturation by 10% instead.


 58.3948, 0.3331,
0.4039

 58.3948, 0.3331,
0.4039


418.6554, 0.3241,
0.3667

 42.1261, 0.3350,
0.4130


 102.4976, 0.3301,
0.3905

 29.2001, 0.3372,
0.4247


 131.1004, 0.3289,
0.3854

 19.2322, 0.3397,
0.4399


164.5835, 0.3278,
0.3811

 11.8382, 0.3425,
0.4608

203.3311, 0.3269,
0.3774

 6.6336, 0.3452,
0.4906

247.7278, 0.3261,
0.3742

 3.2340, 0.3473,
0.5385

298.1578, 0.3253,

 1.2551, 0.3519,

0.3714

0.6481

355.0055, 0.3247,
0.3689

■ 0.1060, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3948, 0.3331,
0.4039

■ 58.3948, 0.3331,
0.4039

■ 56.6344, 0.3395,
0.4332

■ 60.3626, 0.3260,
0.3757

■ 55.0657, 0.3449,
0.4625

■ 62.5376, 0.3187,
0.3490


■ 53.6824, 0.3487,
0.4906


■ 64.9296, 0.3113,
0.3245


■ 52.4752, 0.3506,
0.5160

■ 67.5452, 0.3041,
0.3020

 51.4334, 0.3502,
0.5375

 70.3238, 0.2979,
0.2828


 50.5446, 0.3475,
0.5538

 71.9708, 0.3046,
0.2837

 49.7918, 0.3428,
0.5649

 73.7073, 0.3115,
0.2846

 49.6584, 0.3419,
0.5667

 74.5775, 0.3148,
0.2851

Harmonies

Analogous

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



58.3948, 0.3711, 0.4006



58.3948, 0.3331, 0.4039



58.3948, 0.2912, 0.3828

Triad

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



58.3948, 0.3331, 0.4039



58.3948, 0.2368, 0.2742



58.3948, 0.3705, 0.3115

Complementary

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



58.3948, 0.3331, 0.4039



36.2694, 0.2869, 0.2533

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.



58.3948, 0.3307, 0.2828



58.3948, 0.3331, 0.4039



58.3948, 0.2546, 0.2612

Square

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



58.3948, 0.3331, 0.4039



58.3948, 0.2374, 0.3036



58.3948, 0.2882, 0.2648



58.3948, 0.3943, 0.3454

Rectangle

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



58.3948, 0.3331, 0.4039



58.3948, 0.2668, 0.3581



58.3948, 0.2882, 0.2648



58.3948, 0.3584, 0.3011

Sweetspot

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



58.3974, 0.3331, 0.4039



97.0246, 0.3187, 0.3491



47.6088, 0.3649, 0.3619



20.6528, 0.3198, 0.3530



0.0000, 0.0000, 0.0000



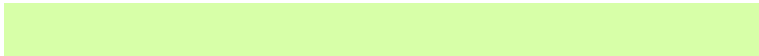
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3974, 0.3331, 0.4039



88.8451, 0.3372, 0.4223



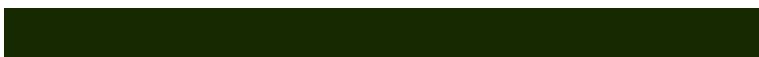
55.2010, 0.3111, 0.4092



13.5171, 0.3197, 0.3525



30.3485, 0.3429, 0.5659



1.7438, 0.3563, 0.5553

Inverse Universe

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



36.2694, 0.2869, 0.2533



48.7516, 0.2797, 0.2346



40.0710, 0.3132, 0.2590



11.6793, 0.3053, 0.3055



4.4219, 0.1952, 0.0849



0.2942, 0.2159, 0.0963

Previews

White Background



This preview shows how the Yxy color 58.3948, 0.3331, 0.4039 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 58.3948, 0.3331, 0.4039 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 58.3948, 0.3331, 0.4039

Background



This preview shows how black text looks on a background with the Yxy color 58.3948, 0.3331, 0.4039.



This preview shows how white text looks on a background with the Yxy color 58.3948, 0.3331, 0.4039.

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

58.3948, 0.3331, 0.4039

Protanopia

58.0141, 0.3660, 0.3915

Deuteranopia

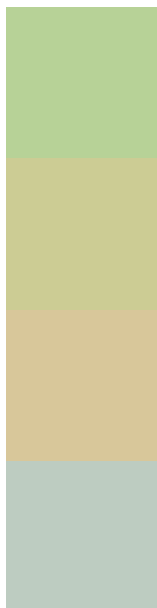
58.1687, 0.3785, 0.3716



Tritanopia

58.1205, 0.2955, 0.3100

Trichromacy



Original Color

58.3948, 0.3331, 0.4039

Protanomaly

58.1612, 0.3538, 0.3970

Deuteranomaly

57.7789, 0.3609, 0.3821

Tritanomaly

57.8548, 0.3090, 0.3425

Monochromacy



Original Color

58.3948, 0.3331, 0.4039

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.6396, 0.3209, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3948, 0.3331, 0.4039 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(183, 210, 151)` looks like.

```
.text, #text, p{  
    color:rgb(183, 210, 151)  
}
```

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(183, 210, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 210, 151) }
```

Border

The CSS property to change the border of an element to Yxy 58.3948, 0.3331, 0.4039 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(183, 210, 151) }
```

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

```
.border{ border-color:rgb(183, 210, 151) }
```

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

Here you see how a box with a 4 pixel rgb(183, 210, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 210, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 210, 151);  
box-shadow:4px 4px 4px 4px rgb(183, 210,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3948, 0.3331, 0.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 210, 151) }
```

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

```
.background{ background-color: rgb(183,  
210, 151) }
```

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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