

Converting Colors

$Yxy(43.0116, 0.2834, 0.3843)$

Have a look what the booklet for
Yxy(43.0116, 0.2834, 0.3843)
contains.

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Color

Yxy(43.0116, 0.2834, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	76BE9A
RGB	118, 190, 154
RGB Percent	46%, 75%, 60%
CMY	0.5371, 0.2549, 0.3962
CMYK	0.38, 0.00, 0.19, 0.25
HSL	150°, 36%, 60%
HSV	150°, 38%, 75%
XYZ	31.7187, 43.0116, 37.1917
YIQ	164.3680, -31.3560, -26.4600

Conversions

Conversions Part 2

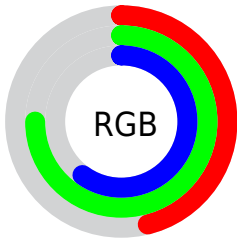
Format	Color
RYB	118, 166, 190
Decimal	7782042
CIELab	71.56, -30.61, 11.16
CIELCh	72, 32.585, 159.963
Yxy	43.0116, 0.2834, 0.3843
Android (android.graphics.Color)	4285972122 (0xFF76BE9A)
YUV	164.3680, -5.1114, -40.6647
Hunter-Lab	65.5832, -28.4409, 12.2854

Details

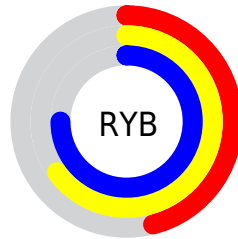
The Yxy color **43.0116, 0.2834, 0.3843** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.2461, 0.3581, 0.2801**, and the grayscale version is **37.3480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9598, 0.2896, 0.3742**, and **19.7114, 0.2737, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **41.5096, 0.2774, 0.4022**, and if you desaturate by 10%, it is **44.8101, 0.2904, 0.3677**.

Distribution



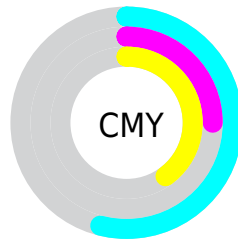
- Red (46%)
- Green (75%)
- Blue (60%)



- Red (46%)
- Yellow (65%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)





- Cyan (54%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0116, 0.2834, 0.3843 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 43.0116, 0.2834, 0.3843 by changing the saturation by 10% instead.

 43.0116, 0.2834,
0.3843


 43.0116, 0.2834,
0.3843


358.6595, 0.2987,
0.3553


 29.8942, 0.2793,
0.3920


 79.7284, 0.2891,
0.3734

 19.7583, 0.2740,
0.4023


 104.0965, 0.2912,
0.3694

 12.2195, 0.2666,
0.4164


 132.9838, 0.2930,
0.3661

 6.8933, 0.2558,
0.4373

166.7744, 0.2945,
0.3633

 3.3955, 0.2386,
0.4708

205.8529, 0.2958,
0.3608

 1.3415, 0.1936,
0.5534

250.6037, 0.2969,

 0.1730, 0.0000,

0.3587

1.0000

301.4111, 0.2979,
0.3569

0.0000, 0.0000,
0.0000

43.0116, 0.2834,
0.3843

43.0116, 0.2834,
0.3843

41.5096, 0.2774,
0.4022

44.8101, 0.2904,
0.3677

40.2822, 0.2727,
0.4210

46.9153, 0.2981,
0.3525

39.3125, 0.2697,
0.4405

49.3433, 0.3062,
0.3388

38.5797, 0.2685,
0.4600


52.1073, 0.3145,
0.3265

38.0594, 0.2693,
0.4792

55.2200, 0.3228,
0.3156


 37.7149, 0.2720,
0.4975

 58.6934, 0.3309,
0.3060

 37.6518, 0.2726,
0.5012

 62.5387, 0.3388,
0.2976

 63.8038, 0.3345,
0.2886

 64.3530, 0.3271,
0.2795

Harmonies

Analogous

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



43.0116, 0.3291, 0.4109



43.0116, 0.2834, 0.3843



43.0116, 0.2473, 0.3397

Triad

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



43.0116, 0.2834, 0.3843



43.0116, 0.2525, 0.2541



43.0116, 0.4045, 0.3512

Complementary

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



43.0116, 0.2834, 0.3843



26.2461, 0.3581, 0.2801

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.



43.0116, 0.3811, 0.3139



43.0116, 0.2834, 0.3843



43.0116, 0.2909, 0.2603

Square

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



43.0116, 0.2834, 0.3843



43.0116, 0.2308, 0.2657



43.0116, 0.3383, 0.2817



43.0116, 0.4007, 0.3862

Rectangle

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



43.0116, 0.2834, 0.3843



43.0116, 0.2328, 0.3093



43.0116, 0.3383, 0.2817



43.0116, 0.3996, 0.3386

Sweetspot

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



43.0134, 0.2834, 0.3843



87.8986, 0.3035, 0.3432



45.1259, 0.3377, 0.4324



19.1673, 0.3024, 0.3450



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.0134, 0.2834, 0.3843



75.7633, 0.2786, 0.3982



44.3465, 0.2613, 0.3306



10.7270, 0.3050, 0.3407



25.0519, 0.2719, 0.4989



0.9945, 0.2597, 0.4547

Inverse Universe

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



26.2461, 0.3581, 0.2801



41.2531, 0.3718, 0.2701



25.2487, 0.4030, 0.3276



9.6139, 0.3212, 0.3176



7.8457, 0.4932, 0.2491



0.3205, 0.4413, 0.2204

Previews

White Background



This preview shows how the Yxy color 43.0116, 0.2834, 0.3843 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 43.0116, 0.2834, 0.3843 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 43.0116, 0.2834, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 43.0116, 0.2834, 0.3843.



This preview shows how white text looks on a background with the Yxy color 43.0116, 0.2834, 0.3843.

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

43.0116, 0.2834, 0.3843

Protanopia

42.5378, 0.3459, 0.3670

Deuteranopia

42.3788, 0.3481, 0.3408



Tritanopia

42.9937, 0.2601, 0.3076

Trichromacy



Original Color

43.0116, 0.2834, 0.3843

Protanomaly

42.2860, 0.3201, 0.3735

Deuteranomaly

41.8098, 0.3212, 0.3557

Tritanomaly

42.8218, 0.2679, 0.3333

Monochromacy



Original Color

43.0116, 0.2834, 0.3843

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.6282, 0.3004, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0116, 0.2834, 0.3843 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(118, 190, 154)` looks like.

```
.text, #text, p{  
    color:rgb(118, 190, 154)  
}
```

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(118, 190, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 190, 154) }
```

Border

The CSS property to change the border of an element to Yxy 43.0116, 0.2834, 0.3843 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(118, 190, 154) }
```

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

```
.border{ border-color:rgb(118, 190, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 190, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 190, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 190, 154); box-shadow:4px 4px 4px 4px rgb(118, 190, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0116, 0.2834, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 190, 154) }
```

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

```
.background{ background-color: rgb(118,  
190, 154) }
```

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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