

Converting Colors

$Yxy(43.3960, 0.2851, 0.4084)$

Have a look what the booklet for
Yxy(43.3960, 0.2851, 0.4084)
contains.

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Color

Yxy(43.3743, 0.2849, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	6DC18F
RGB	109, 193, 143
RGB Percent	43%, 76%, 56%
CMY	0.5726, 0.2431, 0.4392
CMYK	0.44, 0.00, 0.26, 0.24
HSL	144°, 40%, 59%
HSV	144°, 44%, 76%
XYZ	30.3322, 43.3743, 32.7596
YIQ	162.1840, -34.0140, -33.3580

Conversions

Conversions Part 2

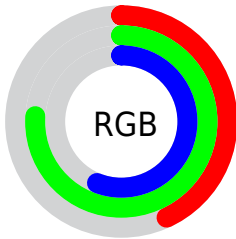
Format	Color
RYB	109, 169, 193
Decimal	7192975
CIELab	71.81, -36.80, 17.38
CIELCh	72, 40.696, 154.722
Yxy	43.3743, 0.2849, 0.4074
Android (android.graphics.Color)	4285383055 (0xFF6DC18F)
YUV	162.1840, -9.4577, -46.6424
Hunter-Lab	65.8592, -33.0433, 16.6094

Details

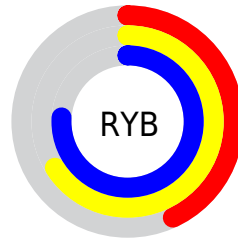
The Yxy color **43.3743, 0.2849, 0.4074** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.7733, 0.3576, 0.2627**, and the grayscale version is **36.2773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2949, 0.2905, 0.3916**, and **20.0222, 0.2756, 0.4350** is the 20% darker color. If you saturate the color by 10%, you get **41.9533, 0.2805, 0.4296**, and if you desaturate by 10%, it is **45.1032, 0.2904, 0.3865**.

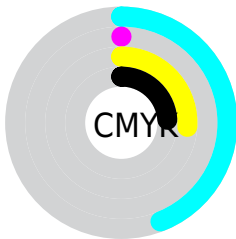
Distribution



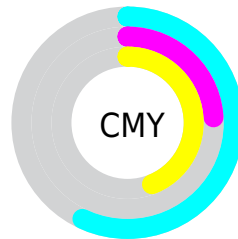
- Red (43%)
- Green (76%)
- Blue (56%)



- Red (43%)
- Yellow (66%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3743, 0.2849, 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 43.3743, 0.2849, 0.4074 by changing the saturation by 10% instead.


 43.3743, 0.2849,
0.4074


 43.3743, 0.2849,
0.4074


360.1488, 0.2999,
0.3658

 30.1789, 0.2808,
0.4186


 80.2754, 0.2906,
0.3917

 19.9744, 0.2752,
0.4335


 104.7499, 0.2927,
0.3859

 12.3765, 0.2673,
0.4543


 133.7528, 0.2944,
0.3812

 7.0006, 0.2555,
0.4850

 167.6687, 0.2959,
0.3771

 3.4625, 0.2358,
0.5346

206.8818, 0.2971,
0.3737

 1.3777, 0.1783,
0.7137

251.7766, 0.2982,

 0.2002, 0.0000,

0.3707

1.0000

302.7375, 0.2991,
0.3681

0.0000, 0.0000,
0.0000

43.3743, 0.2849,
0.4074

43.3743, 0.2849,
0.4074

41.9533, 0.2805,
0.4296

45.1032, 0.2904,
0.3865

40.8160, 0.2774,
0.4527

47.1519, 0.2966,
0.3672

39.9432, 0.2761,
0.4758

49.5381, 0.3033,
0.3498

39.3108, 0.2766,
0.4983

52.2765, 0.3103,
0.3341

38.8898, 0.2789,
0.5192


55.3810, 0.3172,
0.3202

 38.6954, 0.2810,
0.5317

 58.8647, 0.3240,
0.3080

 62.7403, 0.3306,
0.2973

 65.3948, 0.3304,
0.2870

 66.0799, 0.3218,
0.2762

Harmonies

Analogous

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



43.3743, 0.3417, 0.4346



43.3743, 0.2849, 0.4074



43.3743, 0.2383, 0.3522

Triad

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



43.3743, 0.2849, 0.4074



43.3743, 0.2326, 0.2384



43.3743, 0.4245, 0.3464

Complementary

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



43.3743, 0.2849, 0.4074



24.7733, 0.3576, 0.2627

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.



43.3743, 0.3899, 0.3023



43.3743, 0.2849, 0.4074



43.3743, 0.2759, 0.2429

Square

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



43.3743, 0.2849, 0.4074



43.3743, 0.2107, 0.2553



43.3743, 0.3336, 0.2657



43.3743, 0.4249, 0.3907

Rectangle

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



43.3743, 0.2849, 0.4074



43.3743, 0.2184, 0.3128



43.3743, 0.3336, 0.2657



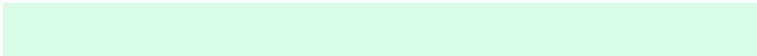
43.3743, 0.4165, 0.3313

Sweetspot

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



43.3761, 0.2849, 0.4074



88.8693, 0.3036, 0.3492



46.6582, 0.3467, 0.4468



18.8487, 0.3021, 0.3529



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.



43.3761, 0.2849, 0.4074



75.2992, 0.2807, 0.4280



44.8790, 0.2592, 0.3412



11.3249, 0.3062, 0.3430



25.7498, 0.2804, 0.5293



1.1262, 0.2676, 0.4835

Inverse Universe

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



24.7733, 0.3576, 0.2627



37.7712, 0.3715, 0.2496



23.5640, 0.4140, 0.3179



10.1762, 0.3198, 0.3154



8.3780, 0.4543, 0.2276



0.3754, 0.4169, 0.2070

Previews

White Background



This preview shows how the Yxy color 43.3743, 0.2849, 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 43.3743, 0.2849, 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 43.3743, 0.2849, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 43.3743, 0.2849, 0.4074.



This preview shows how white text looks on a background with the Yxy color 43.3743, 0.2849, 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

43.3743, 0.2849, 0.4074

Protanopia

42.9460, 0.3589, 0.3841

Deuteranopia

42.5609, 0.3621, 0.3549



Tritanopia

43.0790, 0.2566, 0.3075

Trichromacy



Original Color

43.3743, 0.2849, 0.4074



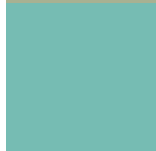
Protanomaly

42.6330, 0.3285, 0.3940



Deuteranomaly

41.8444, 0.3302, 0.3729



Tritanomaly

43.0727, 0.2669, 0.3422

Monochromacy



Original Color

43.3743, 0.2849, 0.4074



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

38.0933, 0.3010, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3743, 0.2849, 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(109, 193, 143)` looks like.

```
.text, #text, p{  
    color:rgb(109, 193, 143)  
}
```

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(109, 193, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 193, 143) }
```

Border

The CSS property to change the border of an element to Yxy 43.3743, 0.2849, 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(109, 193, 143) }
```

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

```
.border{ border-color:rgb(109, 193, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 193, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 193, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 193, 143);  
box-shadow:4px 4px 4px 4px rgb(109, 193,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3743, 0.2849, 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(109, 193, 143) }
```

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

```
.background{ background-color: rgb(109,  
193, 143) }
```

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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