

Converting Colors

$Yxy(45.0386, 0.2911, 0.3970)$

Have a look what the booklet for
Yxy(45.0386, 0.2911, 0.3970)
contains.

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Color

Yxy(45.0386, 0.2911, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	7CC295
RGB	124, 194, 149
RGB Percent	49%, 76%, 58%
CMY	0.5139, 0.2392, 0.4157
CMYK	0.36, 0.00, 0.23, 0.24
HSL	141°, 36%, 62%
HSV	141°, 36%, 76%
XYZ	33.0245, 45.0386, 35.3842
YIQ	167.9400, -27.2750, -28.8350

Conversions

Conversions Part 2

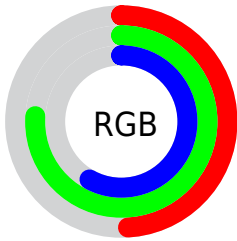
Format	Color
RYB	124, 176, 194
Decimal	8176277
CIELab	72.92, -31.76, 15.80
CIElCh	73, 35.470, 153.544
Yxy	45.0386, 0.2911, 0.3970
Android (android.graphics.Color)	4286366357 (0xFF7CC295)
YUV	167.9400, -9.3374, -38.5354
Hunter-Lab	67.1108, -29.6059, 15.7169

Details

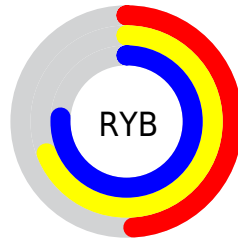
The Yxy color **45.0386, 0.2911, 0.3970** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.7410, 0.3438, 0.2699**, and the grayscale version is **39.1806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8899, 0.2958, 0.3839**, and **20.9776, 0.2835, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **43.3577, 0.2863, 0.4201**, and if you desaturate by 10%, it is **47.0502, 0.2966, 0.3756**.

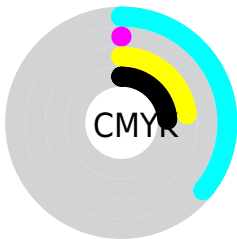
Distribution



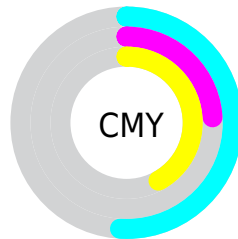
- Red (49%)
- Green (76%)
- Blue (58%)



- Red (49%)
- Yellow (69%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)





- Cyan (51%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0386, 0.2911, 0.3970 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 45.0386, 0.2911, 0.3970 by changing the saturation by 10% instead.


 45.0386, 0.2911,
0.3970


 45.0386, 0.2911,
0.3970


366.9299, 0.3027,
0.3613

 31.4878, 0.2879,
0.4065


 82.7783, 0.2955,
0.3836

 20.9706, 0.2837,
0.4190


 107.7361, 0.2971,
0.3787

 13.1025, 0.2777,
0.4362


 137.2650, 0.2984,
0.3746

 7.4992, 0.2688,
0.4615

171.7493, 0.2996,
0.3711

 3.7762, 0.2541,
0.5018

211.5736, 0.3005,
0.3682

 1.5492, 0.2259,
0.5992

257.1222, 0.3013,

 0.3230, 0.0000,

0.3656

1.0000

308.7795, 0.3021,
0.3633

0.0000, 0.0000,
0.0000

45.0386, 0.2911,
0.3970

45.0386, 0.2911,
0.3970

43.3577, 0.2863,
0.4201

47.0502, 0.2966,
0.3756

41.9839, 0.2826,
0.4444

49.4035, 0.3027,
0.3561

40.8990, 0.2803,
0.4693


52.1160, 0.3089,
0.3387

40.0807, 0.2797,
0.4939


55.2021, 0.3152,
0.3232


39.5032, 0.2808,
0.5171


58.6757, 0.3213,
0.3096


 39.1339, 0.2836,
0.5380

 62.5497, 0.3273,
0.2976

 39.0220, 0.2848,
0.5454

 65.9201, 0.3293,
0.2867

 66.6715, 0.3200,
0.2750

 67.0682, 0.3155,
0.2693

Harmonies

Analogous

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



45.0386, 0.3405, 0.4194



45.0386, 0.2911, 0.3970



45.0386, 0.2496, 0.3513

Triad

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



45.0386, 0.2911, 0.3970



45.0386, 0.2419, 0.2501



45.0386, 0.4082, 0.3436

Complementary

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



45.0386, 0.2911, 0.3970



28.7410, 0.3438, 0.2699

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.



45.0386, 0.3775, 0.3047



45.0386, 0.2911, 0.3970



45.0386, 0.2793, 0.2530

Square

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



45.0386, 0.2911, 0.3970



45.0386, 0.2232, 0.2665



45.0386, 0.3290, 0.2726



45.0386, 0.4102, 0.3823

Rectangle

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



45.0386, 0.2911, 0.3970



45.0386, 0.2314, 0.3177



45.0386, 0.3290, 0.2726



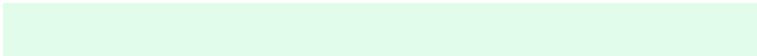
45.0386, 0.4008, 0.3303

Sweetspot

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



45.0405, 0.2911, 0.3970



91.8353, 0.3057, 0.3473



48.5323, 0.3448, 0.4247



19.9637, 0.3048, 0.3497



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.



45.0405, 0.2911, 0.3970



79.2297, 0.2874, 0.4144



46.3106, 0.2689, 0.3440



11.3170, 0.3068, 0.3442



25.6671, 0.2842, 0.5430



1.1222, 0.2711, 0.4959

Inverse Universe

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



28.7410, 0.3438, 0.2699



45.5323, 0.3527, 0.2576



27.6117, 0.3854, 0.3149



10.1844, 0.3191, 0.3143



8.5249, 0.4353, 0.2172



0.3811, 0.4035, 0.1997

Previews

White Background



This preview shows how the Yxy color 45.0386, 0.2911, 0.3970 looks on a white background.

Color Contrast Check

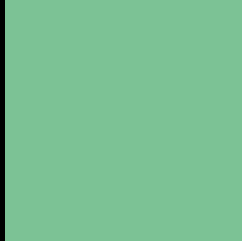
Large Text (above 18pt) WCAG AA × Fail

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 45.0386, 0.2911, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

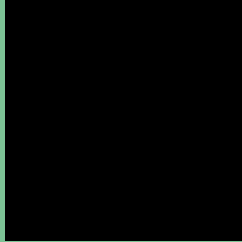
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0386, 0.2911, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 45.0386, 0.2911, 0.3970.



This preview shows how white text looks on a background with the Yxy color 45.0386, 0.2911, 0.3970.

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

45.0386, 0.2911, 0.3970

Protanopia

44.5827, 0.3538, 0.3781

Deuteranopia

44.2963, 0.3586, 0.3506



Tritanopia

44.9558, 0.2633, 0.3081

Trichromacy



Original Color

45.0386, 0.2911, 0.3970



Protanomaly

44.2939, 0.3279, 0.3854



Deuteranomaly

43.6212, 0.3313, 0.3662



Tritanomaly

45.0711, 0.2731, 0.3389

Monochromacy



Original Color

45.0386, 0.2911, 0.3970



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

40.6929, 0.3039, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0386, 0.2911, 0.3970 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(124, 194, 149)` looks like.

```
.text, #text, p{  
    color:rgb(124, 194, 149)  
}
```

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(124, 194, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 194, 149) }
```

Border

The CSS property to change the border of an element to Yxy 45.0386, 0.2911, 0.3970 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(124, 194, 149) }
```

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

```
.border{ border-color:rgb(124, 194, 149) }
```

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

Here you see how a box with a 4 pixel rgb(124, 194, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 194, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 194, 149);  
box-shadow:4px 4px 4px 4px rgb(124, 194,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0386, 0.2911, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 194, 149) }
```

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

```
.background{ background-color: rgb(124,  
194, 149) }
```

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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