

Converting Colors

$Yxy(50.3006, 0.2902, 0.3739)$

Have a look what the booklet for
Yxy(50.3006, 0.2902, 0.3739)
contains.

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Color

Yxy(50.3006, 0.2902, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	8DC9A9
RGB	141, 201, 169
RGB Percent	55%, 79%, 66%
CMY	0.4468, 0.2118, 0.3372
CMYK	0.30, 0.00, 0.16, 0.21
HSL	148°, 36%, 67%
HSV	148°, 30%, 79%
XYZ	39.0405, 50.3006, 45.1885
YIQ	179.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

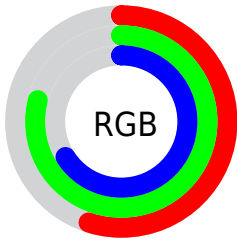
Format	Color
RYB	141, 182, 201
Decimal	9292201
CIELab	76.25, -25.97, 9.87
CIElCh	76, 27.784, 159.182
Yxy	50.3006, 0.2902, 0.3739
Android (android.graphics.Color)	4287482281 (0xFF8DC9A9)
YUV	179.4120, -5.1331, -33.6873
Hunter-Lab	70.9229, -25.8574, 11.8695

Details

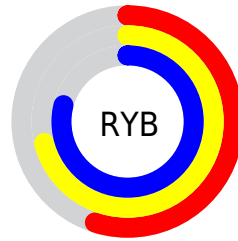
The Yxy color **50.3006, 0.2902, 0.3739** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.5039, 0.3439, 0.2882**, and the grayscale version is **45.3564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6376, 0.2945, 0.3626**, and **24.2756, 0.2837, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **48.3102, 0.2837, 0.3920**, and if you desaturate by 10%, it is **52.6480, 0.2974, 0.3573**.

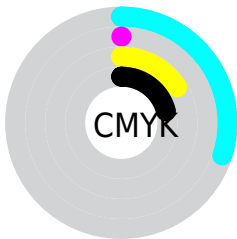
Distribution



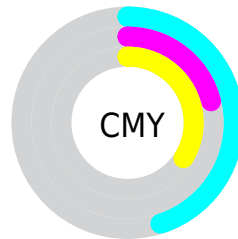
- Red (55%)
- Green (79%)
- Blue (66%)



- Red (55%)
- Yellow (71%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)





- Cyan (45%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3006, 0.2902, 0.3739 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 50.3006, 0.2902, 0.3739 by changing the saturation by 10% instead.


 50.3006, 0.2902,
0.3739


 50.3006, 0.2902,
0.3739


387.8403, 0.3016,
0.3510


 35.6523, 0.2873,
0.3797


 90.6201, 0.2944,
0.3655

 24.1658, 0.2835,
0.3873


 117.0601, 0.2960,
0.3624

 15.4566, 0.2784,
0.3975


 148.1994, 0.2973,
0.3597

 9.1405, 0.2712,
0.4121

184.4225, 0.2984,
0.3575

 4.8329, 0.2602,
0.4343

226.1138, 0.2994,
0.3555

 2.1496, 0.2415,
0.4724

273.6576, 0.3002,

 0.6923, 0.0308,

0.3539

0.8878

327.4383, 0.3010,
0.3524

0.0000, 0.0000,
0.0000

50.3006, 0.2902,
0.3739

50.3006, 0.2902,
0.3739

48.3102, 0.2837,
0.3920

52.6480, 0.2974,
0.3573

46.6524, 0.2783,
0.4115

55.3630, 0.3050,
0.3422

45.3096, 0.2742,
0.4319


58.4632, 0.3129,
0.3288

44.2599, 0.2718,
0.4529

61.9635, 0.3207,
0.3168

43.4784, 0.2713,
0.4737


65.8777, 0.3284,
0.3063


 42.9358, 0.2727,
0.4938

 68.9343, 0.3308,
0.2966

 42.5786, 0.2758,
0.5126

 69.5676, 0.3229,
0.2863

 42.5727, 0.2758,
0.5129

 70.2389, 0.3153,
0.2763

 70.2497, 0.3152,
0.2762

Harmonies

Analogous

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



50.3006, 0.3276, 0.3947



50.3006, 0.2902, 0.3739



50.3006, 0.2601, 0.3390

Triad

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



50.3006, 0.2902, 0.3739



50.3006, 0.2629, 0.2676



50.3006, 0.3866, 0.3472

Complementary

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



50.3006, 0.2902, 0.3739



34.5039, 0.3439, 0.2882

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.



50.3006, 0.3673, 0.3163



50.3006, 0.2902, 0.3739



50.3006, 0.2944, 0.2721

Square

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



50.3006, 0.2902, 0.3739



50.3006, 0.2451, 0.2781



50.3006, 0.3327, 0.2896



50.3006, 0.3845, 0.3758

Rectangle

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



50.3006, 0.2902, 0.3739



50.3006, 0.2476, 0.3146



50.3006, 0.3327, 0.2896



50.3006, 0.3824, 0.3368

Sweetspot

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



50.3027, 0.2902, 0.3739



95.1401, 0.3056, 0.3412



52.6961, 0.3346, 0.4086



20.2069, 0.3044, 0.3433



0.0000, 0.0000, 0.0000



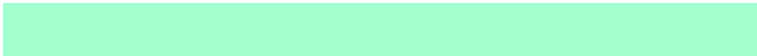
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3027, 0.2902, 0.3739



83.7839, 0.2858, 0.3859



51.5150, 0.2719, 0.3329



11.9688, 0.3054, 0.3416



26.7885, 0.2751, 0.5103



1.2830, 0.2639, 0.4702

Inverse Universe

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



34.5039, 0.3439, 0.2882



52.2890, 0.3533, 0.2787



33.5002, 0.3753, 0.3253



10.7300, 0.3208, 0.3167



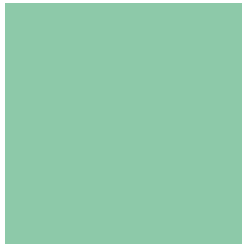
8.4976, 0.4798, 0.2417



0.4169, 0.4379, 0.2186

Previews

White Background



This preview shows how the Yxy color 50.3006, 0.2902, 0.3739 looks on a white background.

Color Contrast Check

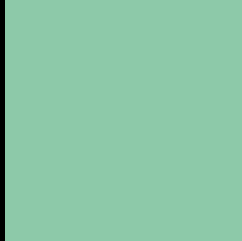
Large Text (above 18pt) WCAG AA × Fail

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 50.3006, 0.2902, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

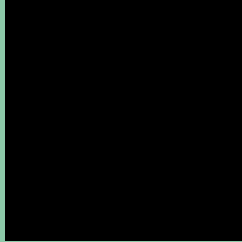
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3006, 0.2902, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 50.3006, 0.2902, 0.3739.



This preview shows how white text looks on a background with the Yxy color 50.3006, 0.2902, 0.3739.

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

50.3006, 0.2902, 0.3739

Protanopia

50.0196, 0.3412, 0.3607

Deuteranopia

49.9138, 0.3457, 0.3388



Tritanopia

50.2174, 0.2689, 0.3079

Trichromacy



Original Color

50.3006, 0.2902, 0.3739

Protanomaly

49.7630, 0.3208, 0.3647

Deuteranomaly

49.3841, 0.3235, 0.3497

Tritanomaly

50.1211, 0.2765, 0.3302

Monochromacy



Original Color

50.3006, 0.2902, 0.3739

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.6351, 0.3038, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3006, 0.2902, 0.3739 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(141, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 169)  
}
```

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(141, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 169) }
```

Border

The CSS property to change the border of an element to Yxy 50.3006, 0.2902, 0.3739 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(141, 201, 169) }
```

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

```
.border{ border-color:rgb(141, 201, 169) }
```

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

Here you see how a box with a 4 pixel rgb(141, 201, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(141, 201,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3006, 0.2902, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 169) }
```

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

```
.background{ background-color: rgb(141,  
201, 169) }
```

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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