

Converting Colors

$Yxy(50.0189, 0.2975, 0.3865)$

Have a look what the booklet for
Yxy(50.0189, 0.2975, 0.3865)
contains.

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Color

Yxy(50.1510, 0.2975, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	8FC9A0
RGB	143, 201, 160
RGB Percent	56%, 79%, 63%
CMY	0.4391, 0.2118, 0.3725
CMYK	0.29, 0.00, 0.20, 0.21
HSL	138°, 35%, 67%
HSV	138°, 29%, 79%
XYZ	38.5627, 50.1510, 40.9089
YIQ	178.9840, -21.4070, -25.0470

Conversions

Conversions Part 2

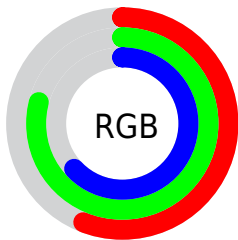
Format	Color
RYB	143, 188, 201
Decimal	9423264
CIELab	76.16, -27.10, 14.58
CIELCh	76, 30.773, 151.712
Yxy	50.1510, 0.2975, 0.3869
Android (android.graphics.Color)	4287613344 (0xFF8FC9A0)
YUV	178.9840, -9.3591, -31.5580
Hunter-Lab	70.8174, -26.7304, 15.3222

Details

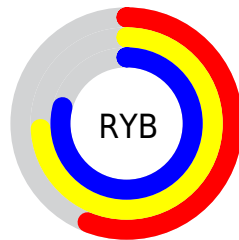
The Yxy color **50.1510, 0.2975, 0.3869** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.5303, 0.3324, 0.2774**, and the grayscale version is **45.1332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4321, 0.3005, 0.3726**, and **24.1743, 0.2931, 0.4059** is the 20% darker color. If you saturate the color by 10%, you get **48.0474, 0.2928, 0.4112**, and if you desaturate by 10%, it is **52.6371, 0.3026, 0.3647**.

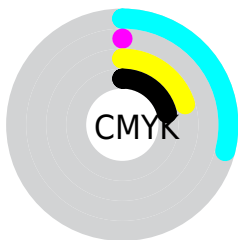
Distribution



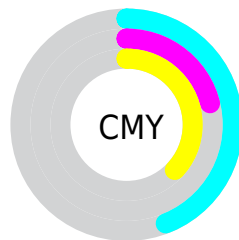
- Red (56%)
- Green (79%)
- Blue (63%)



- Red (56%)
- Yellow (74%)
- Blue (79%)



- Cyan (29%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)





- Cyan (44%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1510, 0.2975, 0.3869 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 50.1510, 0.2975, 0.3869 by changing the saturation by 10% instead.


 50.1510, 0.2975,
0.3869

 50.1510, 0.2975,
0.3869


387.2562, 0.3056,
0.3572

 35.5334, 0.2953,
0.3945


 90.3986, 0.3005,
0.3759

 24.0740, 0.2925,
0.4045


 116.7973, 0.3016,
0.3719

 15.3886, 0.2885,
0.4180


147.8919, 0.3026,
0.3685

 9.0925, 0.2827,
0.4373

184.0667, 0.3033,
0.3655

 4.8016, 0.2734,
0.4669

225.7061, 0.3040,
0.3630

 2.1313, 0.2564,
0.5180

273.1946, 0.3046,

 0.6822, 0.0000,

0.3608

1.0000

326.9165, 0.3051,
0.3589

0.0000, 0.0000,
0.0000

50.1510, 0.2975,
0.3869

50.1510, 0.2975,
0.3869

48.0474, 0.2928,
0.4112

52.6371, 0.3026,
0.3647

46.3008, 0.2889,
0.4372

55.5171, 0.3080,
0.3448

44.8927, 0.2860,
0.4642

58.8096, 0.3133,
0.3271

43.8001, 0.2845,
0.4912

62.5303, 0.3186,
0.3115

42.9969, 0.2846,
0.5171

66.6939, 0.3237,
0.2979

■ 42.4530, 0.2862,
0.5404

■ 69.6424, 0.3221,
0.2852

■ 42.1200, 0.2892,
0.5601

■ 70.2531, 0.3152,
0.2762

■ 42.0877, 0.2895,
0.5622

Harmonies

Analogous

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



50.1510, 0.3392, 0.4043



50.1510, 0.2975, 0.3869



50.1510, 0.2615, 0.3504

Triad

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



50.1510, 0.2975, 0.3869



50.1510, 0.2513, 0.2626



50.1510, 0.3915, 0.3401

Complementary

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



50.1510, 0.2975, 0.3869



35.5303, 0.3324, 0.2774

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.



50.1510, 0.3648, 0.3069



50.1510, 0.2975, 0.3869



50.1510, 0.2825, 0.2637

Square

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



50.1510, 0.2975, 0.3869



50.1510, 0.2363, 0.2781



50.1510, 0.3240, 0.2797



50.1510, 0.3951, 0.3731

Rectangle

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



50.1510, 0.2975, 0.3869



50.1510, 0.2451, 0.3226



50.1510, 0.3240, 0.2797



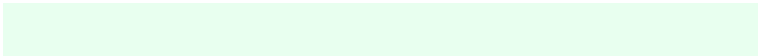
50.1510, 0.3849, 0.3287

Sweetspot

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



50.1531, 0.2975, 0.3869



94.9028, 0.3078, 0.3453



54.0181, 0.3420, 0.4038



20.1487, 0.3070, 0.3481



0.0000, 0.0000, 0.0000



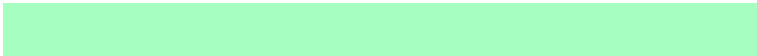
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1531, 0.2975, 0.3869



83.4013, 0.2943, 0.4028



51.2645, 0.2791, 0.3460



11.9382, 0.3077, 0.3458



26.4774, 0.2888, 0.5597



1.2666, 0.2767, 0.5159

Inverse Universe

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



35.5303, 0.3324, 0.2774



54.0904, 0.3382, 0.2653



34.4553, 0.3620, 0.3128



10.7616, 0.3182, 0.3128



9.0543, 0.4110, 0.2038



0.4409, 0.3880, 0.1911

Previews

White Background



This preview shows how the Yxy color 50.1510, 0.2975, 0.3869 looks on a white background.

Color Contrast Check

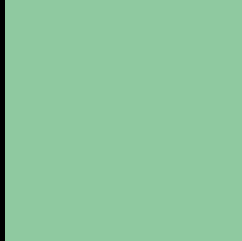
Large Text (above 18pt) WCAG AA × Fail

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 50.1510, 0.2975, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

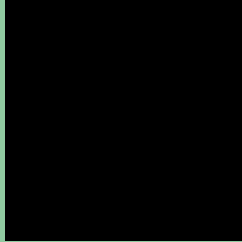
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1510, 0.2975, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 50.1510, 0.2975, 0.3869.



This preview shows how white text looks on a background with the Yxy color 50.1510, 0.2975, 0.3869.

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

50.1510, 0.2975, 0.3869

Protanopia

49.8463, 0.3495, 0.3721

Deuteranopia

49.4690, 0.3555, 0.3485



Tritanopia

50.0090, 0.2714, 0.3080

Trichromacy



Original Color

50.1510, 0.2975, 0.3869

Protanomaly

49.5646, 0.3286, 0.3769

Deuteranomaly

49.3021, 0.3323, 0.3614

Tritanomaly

50.1278, 0.2804, 0.3357

Monochromacy



Original Color

50.1510, 0.2975, 0.3869

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.6262, 0.3068, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1510, 0.2975, 0.3869 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(143, 201, 160)` looks like.

```
.text, #text, p{  
    color:rgb(143, 201, 160)  
}
```

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(143, 201, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 201, 160) }
```

Border

The CSS property to change the border of an element to Yxy 50.1510, 0.2975, 0.3869 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(143, 201, 160) }
```

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

```
.border{ border-color:rgb(143, 201, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 201, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 201, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 201, 160);  
box-shadow:4px 4px 4px 4px rgb(143, 201,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1510, 0.2975, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 201, 160) }
```

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

```
.background{ background-color: rgb(143,  
201, 160) }
```

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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