

Converting Colors

Yxy(51.6596, 0.3058, 0.3609)

Have a look what the booklet for
Yxy(51.6596, 0.3058, 0.3609)
contains.

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Color

Yxy(51.6596, 0.3058, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	A7C6AE
RGB	167, 198, 174
RGB Percent	65%, 78%, 68%
CMY	0.3450, 0.2235, 0.3176
CMYK	0.16, 0.00, 0.12, 0.22
HSL	134°, 21%, 72%
HSV	134°, 16%, 78%
XYZ	43.7725, 51.6596, 47.7089
YIQ	185.9950, -10.7720, -14.0360

Conversions

Conversions Part 2

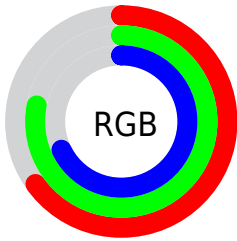
Format	Color
RYB	167, 192, 198
Decimal	10995374
CIELab	77.08, -15.07, 8.57
CIELCh	77, 17.338, 150.374
Yxy	51.6596, 0.3058, 0.3609
Android (android.graphics.Color)	4289185454 (0xFFA7C6AE)
YUV	185.9950, -5.9135, -16.6586
Hunter-Lab	71.8746, -17.0719, 10.9567

Details

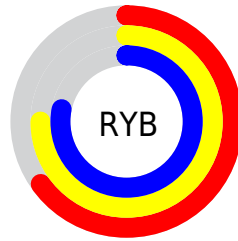
The Yxy color **51.6596, 0.3058, 0.3609** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4109, 0.3205, 0.2991**, and the grayscale version is **49.1405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7067, 0.3072, 0.3558**, and **24.9965, 0.3036, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **49.1032, 0.3015, 0.3845**, and if you desaturate by 10%, it is **54.6189, 0.3102, 0.3398**.

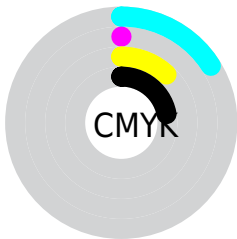
Distribution



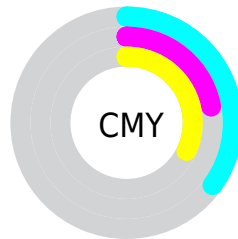
- Red (65%)
- Green (78%)
- Blue (68%)



- Red (65%)
- Yellow (75%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6596, 0.3058, 0.3609 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 51.6596, 0.3058, 0.3609 by changing the saturation by 10% instead.


 51.6596, 0.3058,
0.3609


 51.6596, 0.3058,
0.3609


393.1211, 0.3094,
0.3449

 36.7338, 0.3049,
0.3649


 92.6290, 0.3071,
0.3551

 25.0015, 0.3037,
0.3701


 119.4415, 0.3076,
0.3529

 16.0781, 0.3020,
0.3771


150.9849, 0.3080,
0.3510

 9.5795, 0.2997,
0.3868

187.6438, 0.3084,
0.3494

 5.1210, 0.2960,
0.4014

229.8024, 0.3087,
0.3481

 2.3185, 0.2895,
0.4259

277.8452, 0.3089,

 0.7835, 0.2664,

0.3469

0.5541

332.1567, 0.3092,
0.3458

0.0000, 0.0000,
0.0000

51.6596, 0.3058,
0.3609

51.6596, 0.3058,
0.3609

49.1032, 0.3015,
0.3845

54.6189, 0.3102,
0.3398

46.9258, 0.2974,
0.4105

57.9906, 0.3146,
0.3212

45.1111, 0.2938,
0.4385

61.7923, 0.3188,
0.3049

43.6389, 0.2911,
0.4676

66.0384, 0.3229,
0.2908

42.4872, 0.2894,
0.4968

68.5934, 0.3184,
0.2772

■ 41.6313, 0.2890,
0.5244

■ 68.8686, 0.3153,
0.2732

■ 41.0425, 0.2901,
0.5490

■ 40.6861, 0.2923,
0.5689

■ 40.5754, 0.2934,
0.5761

Harmonies

Analogous

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



51.6596, 0.3293, 0.3702



51.6596, 0.3058, 0.3609



51.6596, 0.2847, 0.3420

Triad

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



51.6596, 0.3058, 0.3609



51.6596, 0.2771, 0.2913



51.6596, 0.3559, 0.3355

Complementary

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



51.6596, 0.3058, 0.3609



43.4109, 0.3205, 0.2991

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.



51.6596, 0.3409, 0.3159



51.6596, 0.3058, 0.3609



51.6596, 0.2951, 0.2910

Square

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



51.6596, 0.3058, 0.3609



51.6596, 0.2686, 0.3016



51.6596, 0.3184, 0.2999



51.6596, 0.3588, 0.3543

Rectangle

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



51.6596, 0.3058, 0.3609



51.6596, 0.2747, 0.3272



51.6596, 0.3184, 0.2999



51.6596, 0.3521, 0.3288

Sweetspot

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



51.6618, 0.3058, 0.3609



97.0417, 0.3105, 0.3387



54.2928, 0.3304, 0.3681



20.6852, 0.3102, 0.3401



0.0000, 0.0000, 0.0000



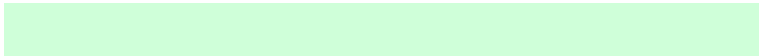
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6618, 0.3058, 0.3609



89.7552, 0.3042, 0.3692



52.2895, 0.2952, 0.3404



11.9264, 0.3086, 0.3474



26.3978, 0.2928, 0.5741



1.2613, 0.2814, 0.5329

Inverse Universe

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



43.4109, 0.3205, 0.2991



72.2041, 0.3225, 0.2919



42.7752, 0.3339, 0.3179



10.7741, 0.3171, 0.3113



9.3243, 0.3870, 0.1905



0.4519, 0.3705, 0.1815

Previews

White Background



This preview shows how the Yxy color 51.6596, 0.3058, 0.3609 looks on a white background.

Color Contrast Check

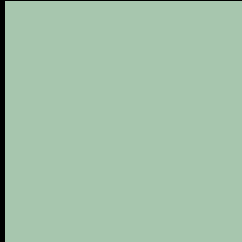
Large Text (above 18pt) WCAG AA × Fail

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 51.6596, 0.3058, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

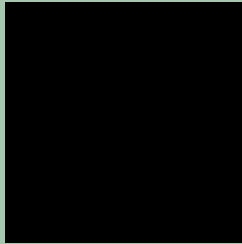
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

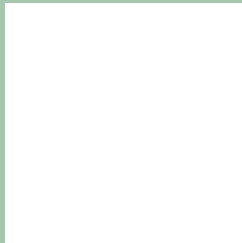
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6596, 0.3058, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 51.6596, 0.3058, 0.3609.



This preview shows how white text looks on a background with the Yxy color 51.6596, 0.3058, 0.3609.

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

51.6596, 0.3058, 0.3609

Protanopia

51.2655, 0.3360, 0.3541

Deuteranopia

51.1874, 0.3437, 0.3363



Tritanopia

51.5782, 0.2866, 0.3100

Trichromacy



Original Color

51.6596, 0.3058, 0.3609

Protanomaly

51.2043, 0.3246, 0.3560

Deuteranomaly

50.8368, 0.3288, 0.3441

Tritanomaly

51.6737, 0.2934, 0.3277

Monochromacy



Original Color

51.6596, 0.3058, 0.3609

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7880, 0.3098, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6596, 0.3058, 0.3609 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(167, 198, 174)` looks like.

```
.text, #text, p{  
    color:rgb(167, 198, 174)  
}
```

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(167, 198, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 198, 174) }
```

Border

The CSS property to change the border of an element to Yxy 51.6596, 0.3058, 0.3609 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(167, 198, 174) }
```

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

```
.border{ border-color:rgb(167, 198, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 198, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 198, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 198, 174);  
box-shadow:4px 4px 4px 4px rgb(167, 198,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6596, 0.3058, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 198, 174) }
```

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

```
.background{ background-color: rgb(167,  
198, 174) }
```

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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