

Converting Colors

$Yxy(49.6357, 0.2880, 0.3517)$

Have a look what the booklet for
Yxy(49.6357, 0.2880, 0.3517)
contains.

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Color

Yxy(49.6174, 0.2883, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	95C5B4
RGB	149, 197, 180
RGB Percent	58%, 77%, 71%
CMY	0.4155, 0.2275, 0.2941
CMYK	0.24, 0.00, 0.09, 0.23
HSL	159°, 29%, 68%
HSV	159°, 24%, 77%
XYZ	40.6037, 49.6174, 50.6174
YIQ	180.7100, -23.1510, -15.4630

Conversions

Conversions Part 2

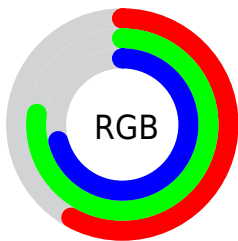
Format	Color
RYB	149, 178, 197
Decimal	9815476
CIELab	75.83, -19.27, 3.40
CIELCh	76, 19.563, 169.987
Yxy	49.6174, 0.2883, 0.3523
Android (android.graphics.Color)	4288005556 (0xFF95C5B4)
YUV	180.7100, -0.3500, -27.8097
Hunter-Lab	70.4396, -20.3760, 6.7024

Details

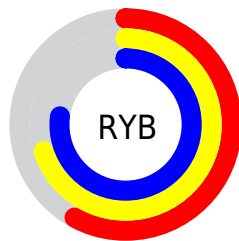
The Yxy color **49.6174, 0.2883, 0.3523** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.1309, 0.3454, 0.3069**, and the grayscale version is **46.0597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7771, 0.2926, 0.3480**, and **23.7186, 0.2817, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **47.6426, 0.2794, 0.3635**, and if you desaturate by 10%, it is **51.9241, 0.2980, 0.3420**.

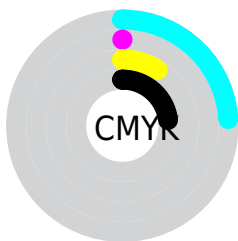
Distribution



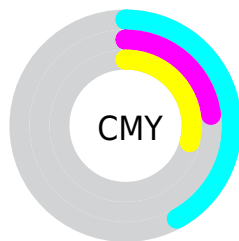
- Red (58%)
- Green (77%)
- Blue (71%)



- Red (58%)
- Yellow (70%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)




- Cyan (42%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6174, 0.2883, 0.3523 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 49.6174, 0.2883, 0.3523 by changing the saturation by 10% instead.

 49.6174, 0.2883,
0.3523


 49.6174, 0.2883,
0.3523

385.1679, 0.3005,
0.3406

 35.1095, 0.2853,
0.3552


 89.6077, 0.2927,
0.3480

 23.7472, 0.2814,
0.3590


 115.8590, 0.2944,
0.3464

 15.1462, 0.2763,
0.3641


146.7934, 0.2958,
0.3451

 8.9221, 0.2692,
0.3711

182.7955, 0.2970,
0.3439

 4.6904, 0.2586,
0.3818

224.2496, 0.2980,
0.3429

 2.0668, 0.2413,
0.3996

271.5401, 0.2989,

 0.6458, 0.1144,

0.3421

0.5147

325.0514, 0.2997,
0.3413

0.0000, 0.0000,
0.0000

49.6174, 0.2883,
0.3523

49.6174, 0.2883,
0.3523

47.6426, 0.2794,
0.3635

51.9241, 0.2980,
0.3420

45.9775, 0.2715,
0.3755

54.5713, 0.3082,
0.3327

44.6069, 0.2650,
0.3883

57.5751, 0.3186,
0.3244

43.5116, 0.2601,
0.4016

60.9485, 0.3291,
0.3170

42.6703, 0.2571,
0.4152

64.7041, 0.3395,
0.3104

■ 42.0582, 0.2562,
0.4289

■ 66.4589, 0.3400,
0.3038

■ 41.6455, 0.2572,
0.4424

■ 66.8407, 0.3346,
0.2969

■ 41.4683, 0.2583,
0.4499

■ 67.2383, 0.3293,
0.2901

■ 67.6517, 0.3241,
0.2835

Harmonies

Analogous

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



49.6174, 0.3140, 0.3709



49.6174, 0.2883, 0.3523



49.6174, 0.2696, 0.3271

Triad

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



49.6174, 0.2883, 0.3523



49.6174, 0.2845, 0.2846



49.6174, 0.3661, 0.3506

Complementary

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



49.6174, 0.2883, 0.3523



36.1309, 0.3454, 0.3069

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.



49.6174, 0.3576, 0.3283



49.6174, 0.2883, 0.3523



49.6174, 0.3096, 0.2914

Square

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



49.6174, 0.2883, 0.3523



49.6174, 0.2675, 0.2888



49.6174, 0.3366, 0.3071



49.6174, 0.3595, 0.3686

Rectangle

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



49.6174, 0.2883, 0.3523



49.6174, 0.2632, 0.3110



49.6174, 0.3366, 0.3071



49.6174, 0.3649, 0.3434

Sweetspot

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



49.6194, 0.2883, 0.3523



96.3696, 0.3054, 0.3352



50.2766, 0.3235, 0.3943



20.5633, 0.3047, 0.3358



0.0000, 0.0000, 0.0000



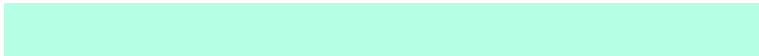
21.4041, 0.3127, 0.3290

Same Dimension

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



49.6194, 0.2883, 0.3523



86.9955, 0.2836, 0.3579



47.5124, 0.2765, 0.3202



12.0013, 0.3030, 0.3373



27.2930, 0.2578, 0.4482



1.3057, 0.2501, 0.4203

Inverse Universe

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



36.1309, 0.3454, 0.3069



58.8455, 0.3545, 0.3020



37.6276, 0.3611, 0.3376



10.6980, 0.3235, 0.3208



8.1114, 0.5537, 0.2824



0.3979, 0.4954, 0.2503

Previews

White Background



This preview shows how the Yxy color 49.6174, 0.2883, 0.3523 looks on a white background.

Color Contrast Check

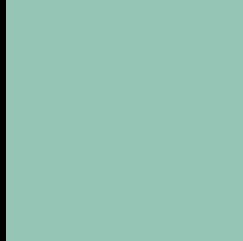
Large Text (above 18pt) WCAG AA × Fail

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 49.6174, 0.2883, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

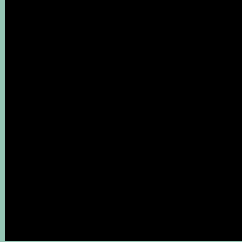
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

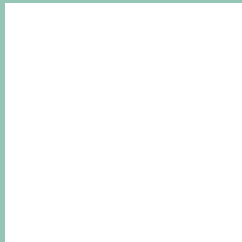
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.6174, 0.2883, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 49.6174, 0.2883, 0.3523.



This preview shows how white text looks on a background with the Yxy color 49.6174, 0.2883, 0.3523.

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

49.6174, 0.2883, 0.3523

Protanopia

49.5113, 0.3281, 0.3443

Deuteranopia

49.0405, 0.3321, 0.3254



Tritanopia

49.6626, 0.2738, 0.3093

Trichromacy



Original Color

49.6174, 0.2883, 0.3523

Protanomaly

49.3086, 0.3127, 0.3474

Deuteranomaly

48.8095, 0.3150, 0.3341

Tritanomaly

49.4331, 0.2790, 0.3236

Monochromacy



Original Color

49.6174, 0.2883, 0.3523

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.3119, 0.3025, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6174, 0.2883, 0.3523 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(149, 197, 180)` looks like.

```
.text, #text, p{  
    color:rgb(149, 197, 180)  
}
```

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(149, 197, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 197, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.6174, 0.2883, 0.3523 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(149, 197, 180) }
```

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

```
.border{ border-color:rgb(149, 197, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 197, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 197, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 197, 180); box-shadow:4px 4px 4px 4px rgb(149, 197, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6174, 0.2883, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 197, 180) }
```

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

```
.background{ background-color: rgb(149,  
197, 180) }
```

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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