

Converting Colors

$Yxy(50.8193, 0.2960, 0.3623)$

Have a look what the booklet for
Yxy(50.8193, 0.2960, 0.3623)
contains.

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Color

Yxy(50.8120, 0.2953, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	9AC7AF
RGB	154, 199, 175
RGB Percent	60%, 78%, 69%
CMY	0.3962, 0.2196, 0.3137
CMYK	0.23, 0.00, 0.12, 0.22
HSL	148°, 29%, 69%
HSV	148°, 23%, 78%
XYZ	41.4841, 50.8120, 48.1850
YIQ	182.8090, -19.1160, -17.0040

Conversions

Conversions Part 2

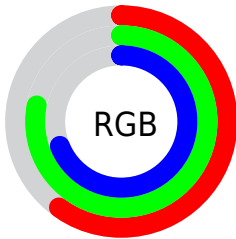
Format	Color
RYB	154, 185, 199
Decimal	10143663
CIELab	76.56, -19.71, 7.18
CIELCh	77, 20.983, 159.977
Yxy	50.8120, 0.2953, 0.3617
Android (android.graphics.Color)	4288333743 (0xFF9AC7AF)
YUV	182.8090, -3.8498, -25.2655
Hunter-Lab	71.2825, -20.8634, 9.8194

Details

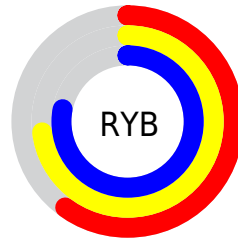
The Yxy color **50.8120, 0.2953, 0.3617** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4574, 0.3348, 0.2985**, and the grayscale version is **47.2713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8448, 0.2982, 0.3543**, and **24.5056, 0.2900, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **48.6206, 0.2883, 0.3787**, and if you desaturate by 10%, it is **53.3641, 0.3028, 0.3463**.

Distribution



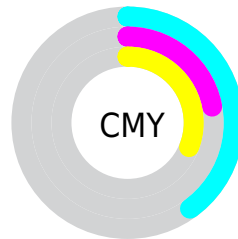
- Red (60%)
- Green (78%)
- Blue (69%)



- Red (60%)
- Yellow (73%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8120, 0.2953, 0.3617 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 50.8120, 0.2953, 0.3617 by changing the saturation by 10% instead.


 50.8120, 0.2953,
0.3617

 50.8120, 0.2953,
0.3617


389.8329, 0.3041,
0.3452

 36.0590, 0.2931,
0.3659


 91.3768, 0.2985,
0.3557

 24.4798, 0.2903,
0.3712


 117.9574, 0.2997,
0.3534

 15.6899, 0.2864,
0.3785


149.2494, 0.3007,
0.3515

 9.3050, 0.2811,
0.3886

185.6371, 0.3016,
0.3499

 4.9406, 0.2730,
0.4040

227.5049, 0.3023,
0.3485

 2.2125, 0.2595,
0.4300

275.2372, 0.3030,

 0.7268, 0.1710,

0.3473

0.5931

329.2184, 0.3036,
0.3462

0.0000, 0.0000,
0.0000

50.8120, 0.2953,
0.3617

50.8120, 0.2953,
0.3617

48.6206, 0.2883,
0.3787

53.3641, 0.3028,
0.3463

46.7668, 0.2820,
0.3972

56.2860, 0.3106,
0.3324

45.2347, 0.2769,
0.4169

59.5945, 0.3185,
0.3201

44.0044, 0.2733,
0.4375

63.3035, 0.3263,
0.3092

43.0538, 0.2714,
0.4584

67.4261, 0.3338,
0.2997

■ 42.3577, 0.2714,
0.4791

■ 68.3215, 0.3271,
0.2895

■ 41.8858, 0.2734,
0.4988

■ 68.9655, 0.3194,
0.2795

■ 41.6415, 0.2757,
0.5125

■ 69.3315, 0.3153,
0.2742

Harmonies

Analogous

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



50.8120, 0.3236, 0.3775



50.8120, 0.2953, 0.3617



50.8120, 0.2723, 0.3361

Triad

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



50.8120, 0.2953, 0.3617



50.8120, 0.2755, 0.2820



50.8120, 0.3683, 0.3442

Complementary

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



50.8120, 0.2953, 0.3617



38.4574, 0.3348, 0.2985

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.



50.8120, 0.3542, 0.3203



50.8120, 0.2953, 0.3617



50.8120, 0.2998, 0.2855

Square

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



50.8120, 0.2953, 0.3617



50.8120, 0.2613, 0.2903



50.8120, 0.3288, 0.2993



50.8120, 0.3665, 0.3655

Rectangle

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



50.8120, 0.2953, 0.3617



50.8120, 0.2628, 0.3180



50.8120, 0.3288, 0.2993



50.8120, 0.3652, 0.3362

Sweetspot

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



50.8141, 0.2953, 0.3617



96.1729, 0.3071, 0.3384



52.6474, 0.3289, 0.3882



20.5177, 0.3067, 0.3392



0.0000, 0.0000, 0.0000



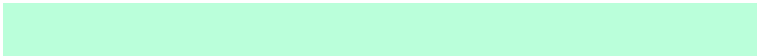
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8141, 0.2953, 0.3617



87.0566, 0.2919, 0.3696



51.7730, 0.2805, 0.3309



11.9690, 0.3054, 0.3416



26.7908, 0.2750, 0.5100



1.2831, 0.2639, 0.4699

Inverse Universe

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



38.4574, 0.3348, 0.2985



61.7596, 0.3407, 0.2917



37.6268, 0.3570, 0.3272



10.7298, 0.3208, 0.3168



8.4949, 0.4802, 0.2419



0.4168, 0.4382, 0.2188

Previews

White Background



This preview shows how the Yxy color 50.8120, 0.2953, 0.3617 looks on a white background.

Color Contrast Check

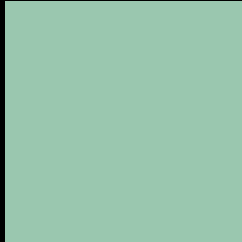
Large Text (above 18pt) WCAG AA × Fail

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 50.8120, 0.2953, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

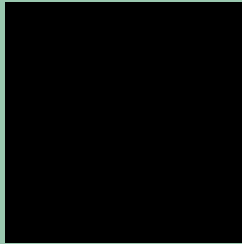
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

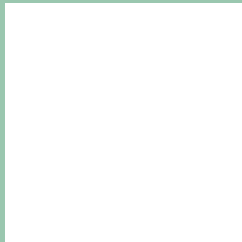
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8120, 0.2953, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 50.8120, 0.2953, 0.3617.



This preview shows how white text looks on a background with the Yxy color 50.8120, 0.2953, 0.3617.

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

50.8120, 0.2953, 0.3617

Protanopia

50.5668, 0.3345, 0.3530

Deuteranopia

50.4122, 0.3395, 0.3327



Tritanopia

50.7103, 0.2761, 0.3083

Trichromacy



Original Color

50.8120, 0.2953, 0.3617

Protanomaly

50.4633, 0.3196, 0.3564

Deuteranomaly

50.1279, 0.3221, 0.3417

Tritanomaly

50.7802, 0.2833, 0.3276

Monochromacy



Original Color

50.8120, 0.2953, 0.3617

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.4611, 0.3056, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8120, 0.2953, 0.3617 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(154, 199, 175)` looks like.

```
.text, #text, p{  
    color:rgb(154, 199, 175)  
}
```

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(154, 199, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 199, 175) }
```

Border

The CSS property to change the border of an element to Yxy 50.8120, 0.2953, 0.3617 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(154, 199, 175) }
```

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

```
.border{ border-color:rgb(154, 199, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 199, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 199, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 199, 175);  
box-shadow:4px 4px 4px 4px rgb(154, 199,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8120, 0.2953, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 199, 175) }
```

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

```
.background{ background-color: rgb(154,  
199, 175) }
```

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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