

Converting Colors

$Yxy(51.9757, 0.2976, 0.3678)$

Have a look what the booklet for
Yxy(51.9757, 0.2976, 0.3678)
contains.

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Color

Yxy(51.7590, 0.2975, 0.3670)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BC9AD |
| RGB | 155, 201, 173 |
| RGB Percent | 61%, 79%, 68% |
| CMY | 0.3919, 0.2118, 0.3215 |
| CMYK | 0.23, 0.00, 0.14, 0.21 |
| HSL | 143°, 30%, 70% |
| HSV | 143°, 23%, 79% |
| XYZ | 41.9572, 51.7590, 47.3165 |
| YIQ | 184.0540, -18.4280, -18.4600 |

Conversions

Conversions Part 2

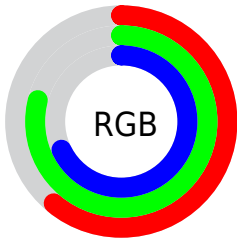
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 155, 188, 201 |
| Decimal | 10209709 |
| CIE Lab | 77.14, -20.74, 9.09 |
| CIE LCh | 77, 22.647, 156.332 |
| Yxy | 51.7590, 0.2975, 0.3670 |
| Android (android.graphics.Color) | 4288399789 (0xFF9BC9AD) |
| YUV | 184.0540, -5.4496, -25.4804 |
| Hunter-Lab | 71.9437, -21.8012, 11.3663 |

Details

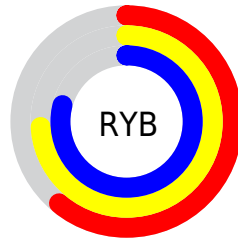
The Yxy color **51.7590, 0.2975, 0.3670** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.3033, 0.3317, 0.2939**, and the grayscale version is **48.0107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8231, 0.3005, 0.3575**, and **25.1315, 0.2928, 0.3778** is the 20% darker color. If you saturate the color by 10%, you get **49.4815, 0.2914, 0.3867**, and if you desaturate by 10%, it is **54.4154, 0.3041, 0.3492**.

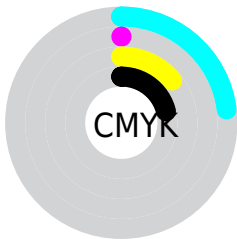
Distribution



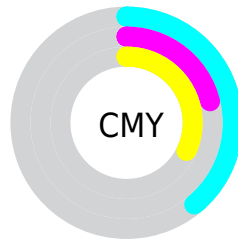
- Red (61%)
- Green (79%)
- Blue (68%)



- Red (61%)
- Yellow (74%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7590, 0.2975, 0.3670 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 51.7590, 0.2975, 0.3670 by changing the saturation by 10% instead.

 51.7590, 0.2975,
0.3670


 51.7590, 0.2975,
0.3670


393.5055, 0.3052,
0.3478

 36.8130, 0.2955,
0.3718


 92.7757, 0.3003,
0.3600

 25.0627, 0.2930,
0.3781


 119.6152, 0.3014,
0.3574

 16.1238, 0.2896,
0.3865


151.1881, 0.3023,
0.3552

 9.6118, 0.2847,
0.3983

187.8786, 0.3030,
0.3533

 5.1423, 0.2774,
0.4162

230.0712, 0.3037,
0.3516

 2.3310, 0.2649,
0.4462

278.1503, 0.3043,

 0.7901, 0.1942,

0.3502

0.6274

332.5003, 0.3048,
0.3489

0.0000, 0.0000,
0.0000

51.7590, 0.2975,
0.3670

51.7590, 0.2975,
0.3670

49.4815, 0.2914,
0.3867

54.4154, 0.3041,
0.3492

47.5587, 0.2860,
0.4081

57.4605, 0.3108,
0.3332

45.9740, 0.2816,
0.4309

60.9118, 0.3175,
0.3191

44.7066, 0.2786,
0.4545

64.7838, 0.3242,
0.3066


43.7331, 0.2772,
0.4782


68.9831, 0.3301,
0.2957

 43.0272, 0.2777,
0.5012

 69.7126, 0.3212,
0.2840

 42.5572, 0.2800,
0.5225

 70.2483, 0.3152,
0.2762

 42.3256, 0.2823,
0.5364

Harmonies

Analogous

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



51.7590, 0.3280, 0.3822



51.7590, 0.2975, 0.3670



51.7590, 0.2719, 0.3402

Triad

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



51.7590, 0.2975, 0.3670



51.7590, 0.2703, 0.2792



51.7590, 0.3714, 0.3420

Complementary

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



51.7590, 0.2975, 0.3670



39.3033, 0.3317, 0.2939

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.



51.7590, 0.3545, 0.3166



51.7590, 0.2975, 0.3670



51.7590, 0.2953, 0.2815

Square

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



51.7590, 0.2975, 0.3670



51.7590, 0.2568, 0.2894



51.7590, 0.3261, 0.2950



51.7590, 0.3716, 0.3656

Rectangle

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



51.7590, 0.2975, 0.3670



51.7590, 0.2608, 0.3205



51.7590, 0.3261, 0.2950



51.7590, 0.3675, 0.3334

Sweetspot

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



51.7612, 0.2975, 0.3670



96.0894, 0.3079, 0.3398



54.2520, 0.3322, 0.3882



20.4984, 0.3075, 0.3407



0.0000, 0.0000, 0.0000



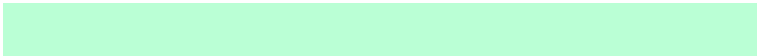
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7612, 0.2975, 0.3670



86.7841, 0.2947, 0.3757



52.7126, 0.2826, 0.3360



11.9553, 0.3064, 0.3434



26.6327, 0.2816, 0.5338



1.2752, 0.2696, 0.4907

Inverse Universe

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



39.3033, 0.3317, 0.2939



62.0485, 0.3365, 0.2866



38.4353, 0.3538, 0.3222



10.7437, 0.3196, 0.3150



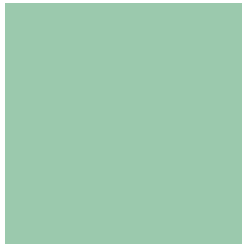
8.7173, 0.4487, 0.2246



0.4267, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 51.7590, 0.2975, 0.3670 looks on a white background.

Color Contrast Check

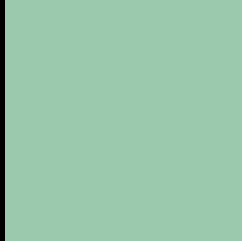
Large Text (above 18pt) WCAG AA × Fail

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 51.7590, 0.2975, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

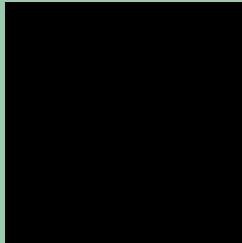
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7590, 0.2975, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 51.7590, 0.2975, 0.3670.



This preview shows how white text looks on a background with the Yxy color 51.7590, 0.2975, 0.3670.

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

51.7590, 0.2975, 0.3670

Protanopia

51.3273, 0.3385, 0.3566

Deuteranopia

51.1874, 0.3437, 0.3363



Tritanopia

51.8644, 0.2771, 0.3097

Trichromacy



Original Color

51.7590, 0.2975, 0.3670

Protanomaly

51.0718, 0.3227, 0.3601

Deuteranomaly

51.1680, 0.3252, 0.3467

Tritanomaly

51.7903, 0.2842, 0.3302

Monochromacy



Original Color

51.7590, 0.2975, 0.3670

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.0064, 0.3064, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7590, 0.2975, 0.3670 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(155, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(155, 201, 173)  
}
```

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(155, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 201, 173) }
```

Border

The CSS property to change the border of an element to Yxy 51.7590, 0.2975, 0.3670 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(155, 201, 173) }
```

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

```
.border{ border-color:rgb(155, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(155, 201,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7590, 0.2975, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 201, 173) }
```

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

```
.background{ background-color: rgb(155,  
201, 173) }
```

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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