

Converting Colors

$Yxy(57.6271, 0.2921, 0.3799)$

Have a look what the booklet for
Yxy(57.6271, 0.2921, 0.3799)
contains.

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Color

Yxy(57.6173, 0.2918, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	95D6B0
RGB	149, 214, 176
RGB Percent	58%, 84%, 69%
CMY	0.4156, 0.1608, 0.3099
CMYK	0.30, 0.00, 0.18, 0.16
HSL	145°, 44%, 71%
HSV	145°, 30%, 84%
XYZ	44.2790, 57.6173, 49.8480
YIQ	190.2330, -26.5420, -25.5980

Conversions

Conversions Part 2

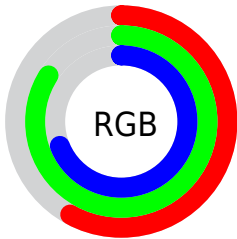
Format	Color
RYB	149, 195, 214
Decimal	9819824
CIELab	80.53, -28.45, 12.28
CIElCh	81, 30.990, 156.656
Yxy	57.6173, 0.2918, 0.3797
Android (android.graphics.Color)	4288009904 (0xFF95D6B0)
YUV	190.2330, -7.0169, -36.1613
Hunter-Lab	75.9061, -28.7096, 14.1981

Details

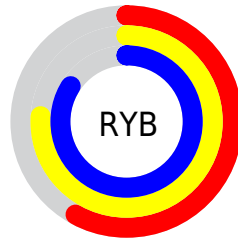
The Yxy color **57.6173, 0.2918, 0.3797** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.3904, 0.3414, 0.2834**, and the grayscale version is **51.6898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3253, 0.2954, 0.3533**, and **28.7131, 0.2861, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **55.3148, 0.2859, 0.3999**, and if you desaturate by 10%, it is **60.3402, 0.2984, 0.3612**.

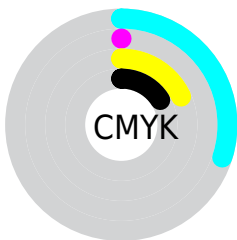
Distribution



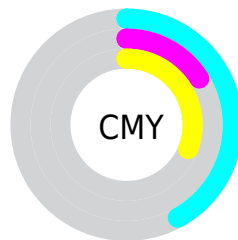
- Red (58%)
- Green (84%)
- Blue (69%)



- Red (58%)
- Yellow (76%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)




- Cyan (42%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6173, 0.2918, 0.3797 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 57.6173, 0.2918, 0.3797 by changing the saturation by 10% instead.


 57.6173, 0.2918,
0.3797

 57.6173, 0.2918,
0.3797


415.7584, 0.3023,
0.3544

 41.5011, 0.2892,
0.3860

 101.3654, 0.2956,
0.3705

 28.7108, 0.2858,
0.3941


 129.7659, 0.2971,
0.3670

 18.8622, 0.2813,
0.4049


163.0301, 0.2983,
0.3641

 11.5707, 0.2749,
0.4199

201.5423, 0.2993,
0.3616

 6.4521, 0.2655,
0.4421

245.6868, 0.3002,
0.3594

 3.1219, 0.2500,
0.4783

295.8480, 0.3010,

 1.1957, 0.2045,

0.3575

0.5923

352.4104, 0.3017,
0.3559

0.0582, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6173, 0.2918,
0.3797

57.6173, 0.2918,
0.3797

55.3148, 0.2859,
0.3999

60.3402, 0.2984,
0.3612

53.4040, 0.2810,
0.4216


63.4962, 0.3053,
0.3444

51.8637, 0.2774,
0.4442


67.1063, 0.3125,
0.3295

50.6679, 0.2755,
0.4672


71.1880, 0.3196,
0.3163

 49.7869, 0.2755,
0.4898

 75.5621, 0.3258,
0.3046

 49.1854, 0.2773,
0.5111

 76.3267, 0.3172,
0.2927

 48.8110, 0.2805,
0.5299

 76.5739, 0.3146,
0.2891

Harmonies

Analogous

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



57.6173, 0.3318, 0.4001



57.6173, 0.2918, 0.3797



57.6173, 0.2589, 0.3430

Triad

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



57.6173, 0.2918, 0.3797



57.6173, 0.2575, 0.2641



57.6173, 0.3906, 0.3453

Complementary

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



57.6173, 0.2918, 0.3797



39.3904, 0.3414, 0.2834

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.



57.6173, 0.3683, 0.3128



57.6173, 0.2918, 0.3797



57.6173, 0.2899, 0.2676

Square

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



57.6173, 0.2918, 0.3797



57.6173, 0.2402, 0.2765



57.6173, 0.3305, 0.2851



57.6173, 0.3903, 0.3763

Rectangle

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



57.6173, 0.2918, 0.3797



57.6173, 0.2448, 0.3166



57.6173, 0.3305, 0.2851



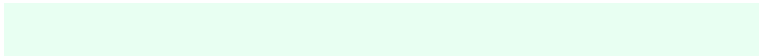
57.6173, 0.3855, 0.3343

Sweetspot

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



57.6197, 0.2918, 0.3797



95.0691, 0.3062, 0.3424



60.9576, 0.3376, 0.4098



20.1895, 0.3052, 0.3448



0.0000, 0.0000, 0.0000



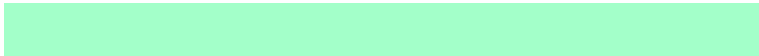
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6197, 0.2918, 0.3797



83.5576, 0.2882, 0.3916



59.0158, 0.2730, 0.3372



13.9806, 0.3060, 0.3430



29.5223, 0.2798, 0.5272



1.7969, 0.2701, 0.4925

Inverse Universe

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



39.3904, 0.3414, 0.2834



52.5314, 0.3490, 0.2741



38.1845, 0.3738, 0.3212



12.5415, 0.3201, 0.3154



9.5610, 0.4591, 0.2303



0.5930, 0.4288, 0.2136

Previews

White Background



This preview shows how the Yxy color 57.6173, 0.2918, 0.3797 looks on a white background.

Color Contrast Check

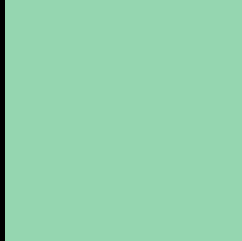
Large Text (above 18pt) WCAG AA × Fail

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 57.6173, 0.2918, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

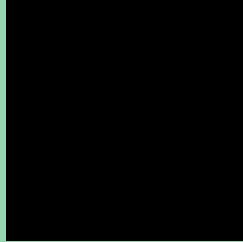
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6173, 0.2918, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 57.6173, 0.2918, 0.3797.



This preview shows how white text looks on a background with the Yxy color 57.6173, 0.2918, 0.3797.

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

57.6173, 0.2918, 0.3797

Protanopia

57.3756, 0.3450, 0.3661

Deuteranopia

57.0430, 0.3489, 0.3417



Tritanopia

57.3784, 0.2686, 0.3078

Trichromacy



Original Color

57.6173, 0.2918, 0.3797

Protanomaly

56.8174, 0.3239, 0.3704

Deuteranomaly

56.4335, 0.3258, 0.3548

Tritanomaly

57.5667, 0.2764, 0.3327

Monochromacy



Original Color

57.6173, 0.2918, 0.3797

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.4636, 0.3041, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6173, 0.2918, 0.3797 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, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(149, 214, 176)  
}
```

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, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 214, 176) }
```

Border

The CSS property to change the border of an element to Yxy 57.6173, 0.2918, 0.3797 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, 214, 176) }
```

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

```
.border{ border-color:rgb(149, 214, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 214, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(149, 214,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6173, 0.2918, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 214, 176) }
```

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

```
.background{ background-color: rgb(149,  
214, 176) }
```

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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