

Converting Colors

$Yxy(58.0719, 0.2879, 0.3711)$

Have a look what the booklet for
Yxy(58.0719, 0.2879, 0.3711)
contains.

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Color

Yxy(57.9016, 0.2875, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	95D6B7
RGB	149, 214, 183
RGB Percent	58%, 84%, 72%
CMY	0.4156, 0.1608, 0.2824
CMYK	0.30, 0.00, 0.14, 0.16
HSL	151°, 44%, 71%
HSV	151°, 30%, 84%
XYZ	44.9911, 57.9016, 53.5981
YIQ	191.0310, -28.7890, -23.4210

Conversions

Conversions Part 2

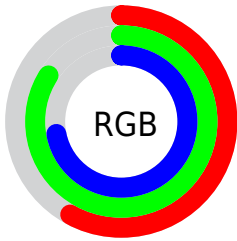
Format	Color
RYB	149, 192, 214
Decimal	9819831
CIELab	80.68, -27.07, 8.78
CIELCh	81, 28.458, 162.028
Yxy	57.9016, 0.2875, 0.3700
Android (android.graphics.Color)	4288009911 (0xFF95D6B7)
YUV	191.0310, -3.9593, -36.8612
Hunter-Lab	76.0931, -27.6223, 11.5028

Details

The Yxy color **57.9016, 0.2875, 0.3700** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.0976, 0.3484, 0.2915**, and the grayscale version is **52.1593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7311, 0.2916, 0.3458**, and **28.8948, 0.2806, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **55.6621, 0.2804, 0.3862**, and if you desaturate by 10%, it is **60.5466, 0.2954, 0.3551**.

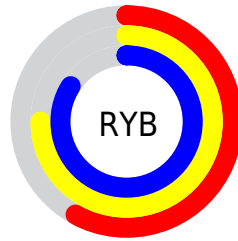
Distribution



Red (58%)

Green (84%)

Blue (72%)



Red (58%)

Yellow (75%)

Blue (84%)

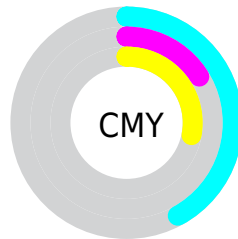


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (16%)



Cyan (42%)


Magenta (16%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9016, 0.2875, 0.3700 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 57.9016, 0.2875, 0.3700 by changing the saturation by 10% instead.


 57.9016, 0.2875,
0.3700

 57.9016, 0.2875,
0.3700


416.8192, 0.2999,
0.3497

 41.7295, 0.2845,
0.3750


 101.7796, 0.2920,
0.3626

 28.8896, 0.2806,
0.3815


 130.2542, 0.2937,
0.3599

 18.9973, 0.2755,
0.3900


163.5986, 0.2951,
0.3575

 11.6683, 0.2685,
0.4017

202.1970, 0.2963,
0.3555

 6.5183, 0.2582,
0.4191

246.4339, 0.2974,
0.3538

 3.1627, 0.2419,
0.4471

296.6936, 0.2983,

 1.2173, 0.1968,

0.3522

0.5170

353.3606, 0.2992,
0.3509

■ 0.0757, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9016, 0.2875,
0.3700

■ 57.9016, 0.2875,
0.3700

■ 55.6621, 0.2804,
0.3862

■ 60.5466, 0.2954,
0.3551

■ 53.8000, 0.2745,
0.4036

■ 63.6092, 0.3038,
0.3415

■ 52.2948, 0.2700,
0.4219

■ 67.1100, 0.3124,
0.3294

■ 51.1211, 0.2674,
0.4406

■ 71.0659, 0.3211,
0.3186

■ 50.2497, 0.2666,
0.4594

■ 75.2971, 0.3290,
0.3090

■ 49.6463, 0.2679,
0.4777

■ 75.9015, 0.3219,
0.2992

■ 49.2598, 0.2707,
0.4946

■ 76.5403, 0.3149,
0.2895

■ 76.5731, 0.3146,
0.2891

Harmonies

Analogous

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



57.9016, 0.3238, 0.3920



57.9016, 0.2875, 0.3700



57.9016, 0.2591, 0.3354

Triad

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



57.9016, 0.2875, 0.3700



57.9016, 0.2664, 0.2687



57.9016, 0.3856, 0.3498

Complementary

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



57.9016, 0.2875, 0.3700



39.0976, 0.3484, 0.2915

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.



57.9016, 0.3686, 0.3194



57.9016, 0.2875, 0.3700



57.9016, 0.2982, 0.2744

Square

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



57.9016, 0.2875, 0.3700



57.9016, 0.2476, 0.2776



57.9016, 0.3359, 0.2926



57.9016, 0.3816, 0.3771

Rectangle

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



57.9016, 0.2875, 0.3700



57.9016, 0.2478, 0.3118



57.9016, 0.3359, 0.2926



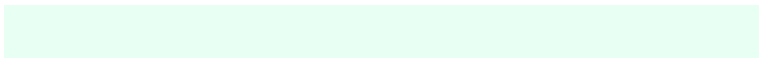
57.9016, 0.3822, 0.3396

Sweetspot

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



57.9040, 0.2875, 0.3700



95.2186, 0.3048, 0.3399



60.0193, 0.3317, 0.4114



20.2262, 0.3036, 0.3418



0.0000, 0.0000, 0.0000



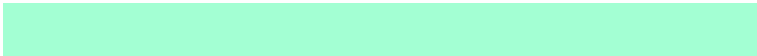
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9040, 0.2875, 0.3700



84.0400, 0.2831, 0.3796



58.7943, 0.2691, 0.3275



14.0033, 0.3046, 0.3404



29.7956, 0.2700, 0.4921



1.8138, 0.2615, 0.4615

Inverse Universe

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



39.0976, 0.3484, 0.2915



52.0313, 0.3581, 0.2839



38.3159, 0.3803, 0.3305



12.5185, 0.3217, 0.3179



9.2434, 0.5043, 0.2552



0.5742, 0.4643, 0.2331

Previews

White Background



This preview shows how the Yxy color 57.9016, 0.2875, 0.3700 looks on a white background.

Color Contrast Check

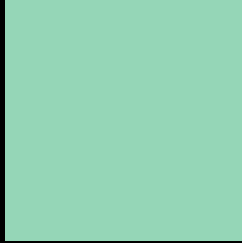
Large Text (above 18pt) WCAG AA × Fail

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 57.9016, 0.2875, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

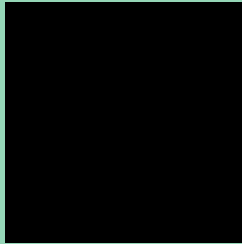
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

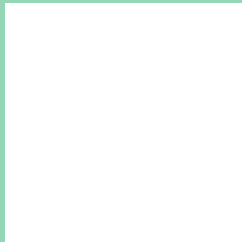
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9016, 0.2875, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 57.9016, 0.2875, 0.3700.



This preview shows how white text looks on a background with the Yxy color 57.9016, 0.2875, 0.3700.

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

57.9016, 0.2875, 0.3700

Protanopia

57.4973, 0.3388, 0.3577

Deuteranopia

57.4158, 0.3421, 0.3360



Tritanopia

57.8171, 0.2675, 0.3078

Trichromacy



Original Color

57.9016, 0.2875, 0.3700



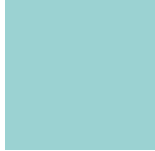
Protanomaly

56.9649, 0.3181, 0.3615



Deuteranomaly

57.0542, 0.3197, 0.3473



Tritanomaly

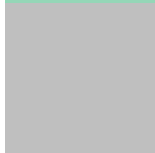
57.7149, 0.2747, 0.3289

Monochromacy



Original Color

57.9016, 0.2875, 0.3700



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

53.7078, 0.3028, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9016, 0.2875, 0.3700 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(149, 214, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 214, 183) }
```

Border

The CSS property to change the border of an element to Yxy 57.9016, 0.2875, 0.3700 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, 183) }
```

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

```
.border{ border-color:rgb(149, 214, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 214, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 214, 183);  
box-shadow:4px 4px 4px 4px rgb(149, 214,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9016, 0.2875, 0.3700 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, 183) }
```

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

```
.background{ background-color: rgb(149,  
214, 183) }
```

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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