

Converting Colors

$Yxy(57.6223, 0.2901, 0.3683)$

Have a look what the booklet for
Yxy(57.6223, 0.2901, 0.3683)
contains.

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Color

Yxy(57.7797, 0.2900, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	99D5B7
RGB	153, 213, 183
RGB Percent	60%, 84%, 72%
CMY	0.4002, 0.1647, 0.2824
CMYK	0.28, 0.00, 0.14, 0.16
HSL	150°, 42%, 72%
HSV	150°, 28%, 84%
XYZ	45.4711, 57.7797, 53.5462
YIQ	191.6400, -26.1300, -22.0500

Conversions

Conversions Part 2

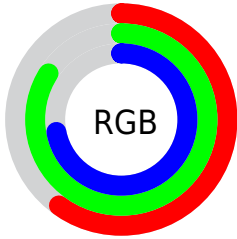
Format	Color
RYB	153, 193, 213
Decimal	10081719
CIELab	80.62, -25.40, 8.71
CIELCh	81, 26.849, 161.061
Yxy	57.7797, 0.2900, 0.3685
Android (android.graphics.Color)	4288271799 (0xFF99D5B7)
YUV	191.6400, -4.2595, -33.8873
Hunter-Lab	76.0130, -26.2436, 11.4431

Details

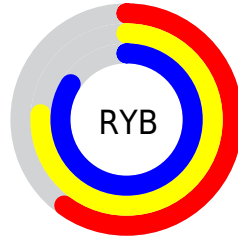
The Yxy color **57.7797, 0.2900, 0.3685** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.3363, 0.3438, 0.2927**, and the grayscale version is **52.5241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3073, 0.2939, 0.3457**, and **28.7748, 0.2837, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **55.4648, 0.2830, 0.3853**, and if you desaturate by 10%, it is **60.5029, 0.2977, 0.3531**.

Distribution



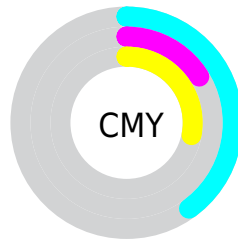
- Red (60%)
- Green (84%)
- Blue (72%)



- Red (60%)
- Yellow (76%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)




- Cyan (40%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7797, 0.2900, 0.3685 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 57.7797, 0.2900, 0.3685 by changing the saturation by 10% instead.


 57.7797, 0.2900,
0.3685

 57.7797, 0.2900,
0.3685


416.3645, 0.3012,
0.3489

 41.6316, 0.2872,
0.3733


 101.6020, 0.2940,
0.3614

 28.8129, 0.2837,
0.3795


 130.0449, 0.2956,
0.3588

 18.9393, 0.2791,
0.3877


163.3549, 0.2969,
0.3565

 11.6265, 0.2728,
0.3990


201.9164, 0.2980,
0.3545

 6.4899, 0.2635,
0.4157

246.1137, 0.2989,
0.3529

 3.1452, 0.2486,
0.4427

296.3312, 0.2998,

 1.2080, 0.2093,

0.3514

352.9534, 0.3005,
0.3501

0.5085

0.0682, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7797, 0.2900,
0.3685

57.7797, 0.2900,
0.3685

55.4648, 0.2830,
0.3853

60.5029, 0.2977,
0.3531

53.5307, 0.2770,
0.4033

63.6461, 0.3059,
0.3393

51.9573, 0.2724,
0.4223

67.2296, 0.3142,
0.3269

50.7201, 0.2695,
0.4420

71.2699, 0.3226,
0.3159

■ 49.7912, 0.2685,
0.4617

■ 74.9256, 0.3275,
0.3059

■ 49.1377, 0.2695,
0.4809

■ 75.5643, 0.3201,
0.2957

■ 48.7119, 0.2723,
0.4991

■ 76.0754, 0.3146,
0.2881

■ 48.6463, 0.2729,
0.5023

Harmonies

Analogous

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



57.7797, 0.3244, 0.3887



57.7797, 0.2900, 0.3685



57.7797, 0.2627, 0.3362

Triad

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



57.7797, 0.2900, 0.3685



57.7797, 0.2681, 0.2719



57.7797, 0.3813, 0.3479

Complementary

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



57.7797, 0.2900, 0.3685



40.3363, 0.3438, 0.2927

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.



57.7797, 0.3646, 0.3191



57.7797, 0.2900, 0.3685



57.7797, 0.2980, 0.2768

Square

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



57.7797, 0.2900, 0.3685



57.7797, 0.2507, 0.2810



57.7797, 0.3335, 0.2938



57.7797, 0.3782, 0.3739

Rectangle

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



57.7797, 0.2900, 0.3685



57.7797, 0.2516, 0.3140



57.7797, 0.3335, 0.2938



57.7797, 0.3778, 0.3383

Sweetspot

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



57.7821, 0.2900, 0.3685



95.6945, 0.3060, 0.3391



60.0829, 0.3320, 0.4046



20.3197, 0.3047, 0.3411



0.0000, 0.0000, 0.0000



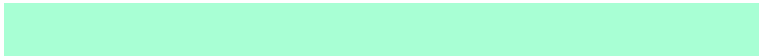
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7821, 0.2900, 0.3685



84.6134, 0.2856, 0.3787



59.1180, 0.2726, 0.3301



13.9985, 0.3049, 0.3409



29.7317, 0.2722, 0.4998



1.8100, 0.2634, 0.4681

Inverse Universe

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



40.3363, 0.3438, 0.2927



54.1122, 0.3530, 0.2845



39.2496, 0.3731, 0.3279



12.5234, 0.3214, 0.3174



9.3039, 0.4947, 0.2499



0.5779, 0.4567, 0.2289

Previews

White Background



This preview shows how the Yxy color 57.7797, 0.2900, 0.3685 looks on a white background.

Color Contrast Check

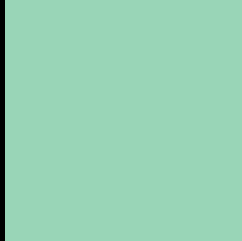
Large Text (above 18pt) WCAG AA × Fail

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 57.7797, 0.2900, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

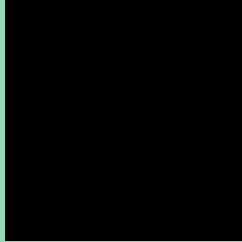
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

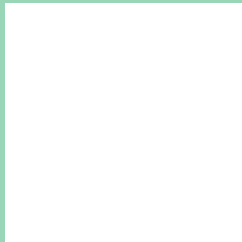
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7797, 0.2900, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 57.7797, 0.2900, 0.3685.



This preview shows how white text looks on a background with the Yxy color 57.7797, 0.2900, 0.3685.

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

57.7797, 0.2900, 0.3685

Protanopia

57.3913, 0.3372, 0.3566

Deuteranopia

56.9751, 0.3423, 0.3348



Tritanopia

57.5845, 0.2698, 0.3079

Trichromacy



Original Color

57.7797, 0.2900, 0.3685

Protanomaly

57.1318, 0.3182, 0.3602

Deuteranomaly

56.8595, 0.3214, 0.3460

Tritanomaly

57.4735, 0.2770, 0.3289

Monochromacy



Original Color

57.7797, 0.2900, 0.3685

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.4477, 0.3036, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7797, 0.2900, 0.3685 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(153, 213, 183)` looks like.

```
.text, #text, p{  
    color:rgb(153, 213, 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(153, 213, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 213, 183) }
```

Border

The CSS property to change the border of an element to Yxy 57.7797, 0.2900, 0.3685 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(153, 213, 183) }
```

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

```
.border{ border-color:rgb(153, 213, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 213, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 213, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 213, 183);  
box-shadow:4px 4px 4px 4px rgb(153, 213,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7797, 0.2900, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 213, 183) }
```

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

```
.background{ background-color: rgb(153,  
213, 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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