

Converting Colors

$Yxy(58.2198, 0.2808, 0.3541)$

Have a look what the booklet for
Yxy(58.2198, 0.2808, 0.3541)
contains.

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Color

Yxy(58.3777, 0.2808, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	95D6C2
RGB	149, 214, 194
RGB Percent	58%, 84%, 76%
CMY	0.4158, 0.1608, 0.2391
CMYK	0.30, 0.00, 0.09, 0.16
HSL	162°, 44%, 71%
HSV	162°, 30%, 84%
XYZ	46.1759, 58.3777, 59.8906
YIQ	192.2850, -32.3200, -20.0000

Conversions

Conversions Part 2

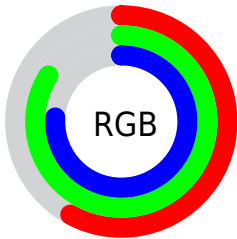
Format	Color
RYB	149, 187, 214
Decimal	9819842
CIELab	80.95, -24.82, 3.28
CIElCh	81, 25.034, 172.463
Yxy	58.3777, 0.2808, 0.3550
Android (android.graphics.Color)	4288009922 (0xFF95D6C2)
YUV	192.2850, 0.8455, -37.9609
Hunter-Lab	76.4053, -25.8319, 7.0090

Details

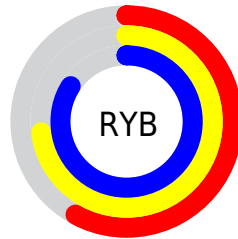
The Yxy color **58.3777, 0.2808, 0.3550** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6431, 0.3598, 0.3047**, and the grayscale version is **52.8944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4013, 0.2858, 0.3341**, and **29.1765, 0.2730, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **56.2604, 0.2720, 0.3651**, and if you desaturate by 10%, it is **60.8827, 0.2907, 0.3456**.

Distribution



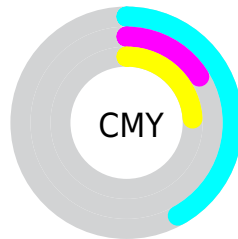
- Red (58%)
- Green (84%)
- Blue (76%)



- Red (58%)
- Yellow (73%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (42%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3777, 0.2808, 0.3550 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 58.3777, 0.2808, 0.3550 by changing the saturation by 10% instead.


 58.3777, 0.2808,
0.3550


 58.3777, 0.2808,
0.3550


418.5919, 0.2962,
0.3423

 42.1124, 0.2771,
0.3581

 102.4727, 0.2863,
0.3505

 29.1893, 0.2724,
0.3620


 131.0711, 0.2884,
0.3487

 19.2241, 0.2664,
0.3671


164.5494, 0.2902,
0.3473

 11.8323, 0.2582,
0.3740

203.2918, 0.2917,
0.3460

 6.6296, 0.2466,
0.3841

247.6829, 0.2931,
0.3449

 3.2315, 0.2286,
0.3999

298.1070, 0.2942,

 1.2538, 0.1886,

0.3439

0.4330

354.9486, 0.2953,
0.3431

■ 0.1050, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3777, 0.2808,
0.3550

■ 58.3777, 0.2808,
0.3550

■ 56.2604, 0.2720,
0.3651

■ 60.8827, 0.2907,
0.3456

■ 54.5031, 0.2644,
0.3759


■ 63.7870, 0.3012,
0.3370


■ 53.0858, 0.2585,
0.3872


■ 67.1108, 0.3123,
0.3293


■ 51.9836, 0.2544,
0.3988


■ 70.8705, 0.3235,
0.3223


 51.1680, 0.2523,
0.4106


 74.8978, 0.3340,
0.3161

 50.6051, 0.2523,
0.4223

 75.2676, 0.3294,
0.3096

 50.2445, 0.2537,
0.4334

 75.6513, 0.3248,
0.3032

 76.0492, 0.3202,
0.2969

 76.4613, 0.3158,
0.2908

Harmonies

Analogous

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



58.3777, 0.3113, 0.3790



58.3777, 0.2808, 0.3550



58.3777, 0.2595, 0.3239

Triad

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



58.3777, 0.2808, 0.3550



58.3777, 0.2807, 0.2760



58.3777, 0.3775, 0.3567

Complementary

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



58.3777, 0.2808, 0.3550



38.6431, 0.3598, 0.3047

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.



58.3777, 0.3688, 0.3301



58.3777, 0.2808, 0.3550



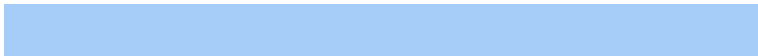
58.3777, 0.3115, 0.2851

Square

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



58.3777, 0.2808, 0.3550



58.3777, 0.2595, 0.2795



58.3777, 0.3441, 0.3045



58.3777, 0.3678, 0.3780

Rectangle

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



58.3777, 0.2808, 0.3550



58.3777, 0.2528, 0.3045



58.3777, 0.3441, 0.3045



58.3777, 0.3767, 0.3481

Sweetspot

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



58.3801, 0.2808, 0.3550



95.4585, 0.3027, 0.3360



58.7635, 0.3235, 0.4137



20.2854, 0.3011, 0.3372



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.



58.3801, 0.2808, 0.3550



84.8630, 0.2754, 0.3610



53.5219, 0.2675, 0.3135



14.0399, 0.3023, 0.3363



30.3862, 0.2532, 0.4316



1.8472, 0.2477, 0.4117

Inverse Universe

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



38.6431, 0.3598, 0.3047



51.3045, 0.3728, 0.2997



41.9169, 0.3764, 0.3439



12.4830, 0.3243, 0.3219



8.8933, 0.5723, 0.2926



0.5511, 0.5226, 0.2653

Previews

White Background



This preview shows how the Yxy color 58.3777, 0.2808, 0.3550 looks on a white background.

Color Contrast Check

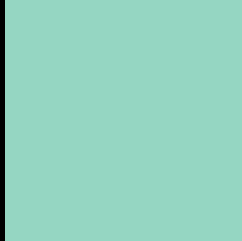
Large Text (above 18pt) WCAG AA × Fail

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 58.3777, 0.2808, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

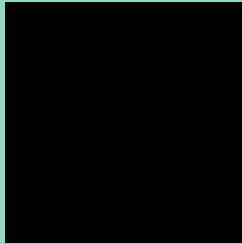
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

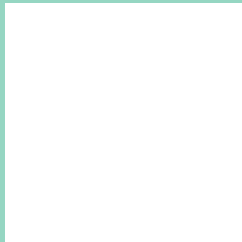
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3777, 0.2808, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 58.3777, 0.2808, 0.3550.

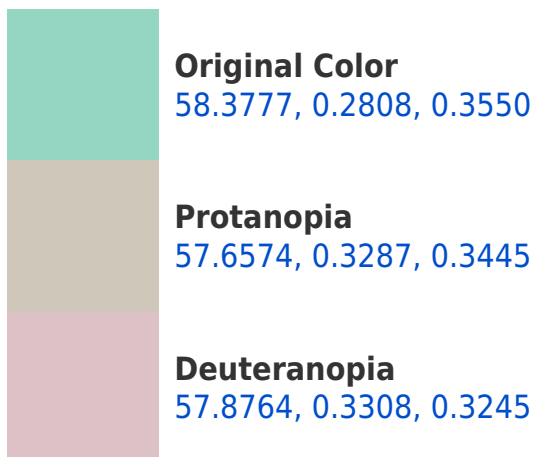


This preview shows how white text looks on a background with the Yxy color 58.3777, 0.2808, 0.3550.

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





Tritanopia

58.1598, 0.2659, 0.3078

Trichromacy



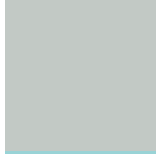
Original Color

58.3777, 0.2808, 0.3550



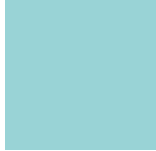
Protanomaly

57.2990, 0.3096, 0.3476



Deuteranomaly

57.2738, 0.3102, 0.3338



Tritanomaly

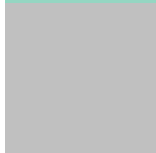
58.2159, 0.2712, 0.3251

Monochromacy



Original Color

58.3777, 0.2808, 0.3550



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.3889, 0.2993, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3777, 0.2808, 0.3550 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(149, 214, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 214, 194) }
```

Border

The CSS property to change the border of an element to Yxy 58.3777, 0.2808, 0.3550 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, 194) }
```

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

```
.border{ border-color:rgb(149, 214, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(149, 214,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3777, 0.2808, 0.3550 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, 194) }
```

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

```
.background{ background-color: rgb(149,  
214, 194) }
```

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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