

Converting Colors

$Yxy(58.5357, 0.2815, 0.3483)$

Have a look what the booklet for
Yxy(58.5357, 0.2815, 0.3483)
contains.

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Color

Yxy(58.5357, 0.2815, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	9AD5C6
RGB	154, 213, 198
RGB Percent	60%, 84%, 78%
CMY	0.3961, 0.1647, 0.2236
CMYK	0.28, 0.00, 0.07, 0.16
HSL	165°, 41%, 72%
HSV	165°, 28%, 84%
XYZ	47.3092, 58.5357, 62.2162
YIQ	193.6490, -30.3490, -17.1730

Conversions

Conversions Part 2

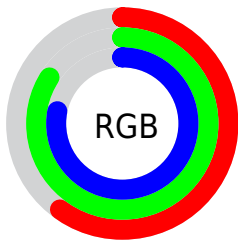
Format	Color
RYB	154, 188, 213
Decimal	10147270
CIELab	81.04, -22.00, 1.34
CIELCh	81, 22.045, 176.515
Yxy	58.5357, 0.2815, 0.3483
Android (android.graphics.Color)	4288337350 (0xFF9AD5C6)
YUV	193.6490, 2.1450, -34.7722
Hunter-Lab	76.5086, -23.5144, 5.3419

Details

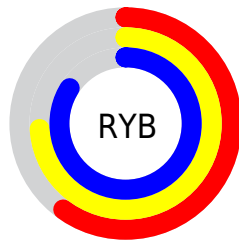
The Yxy color **58.5357, 0.2815, 0.3483** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1196, 0.3575, 0.3107**, and the grayscale version is **53.7297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **29.2340, 0.2736, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **56.3845, 0.2718, 0.3564**, and if you desaturate by 10%, it is **61.0715, 0.2922, 0.3408**.

Distribution



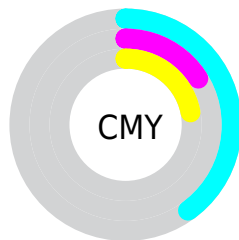
- Red (60%)
- Green (84%)
- Blue (78%)



- Red (60%)
- Yellow (74%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5357, 0.2815, 0.3483 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 58.5357, 0.2815, 0.3483 by changing the saturation by 10% instead.


 58.5357, 0.2815,
0.3483

 58.5357, 0.2815,
0.3483


419.1791, 0.2965,
0.3390

 42.2395, 0.2779,
0.3505


 102.7026, 0.2868,
0.3450

 29.2889, 0.2734,
0.3534


 131.3420, 0.2889,
0.3437

 19.2994, 0.2676,
0.3570


164.8646, 0.2906,
0.3426

 11.8868, 0.2597,
0.3620

203.6547, 0.2921,
0.3417

 6.6667, 0.2486,
0.3691

248.0969, 0.2934,
0.3409

 3.2545, 0.2315,
0.3801

298.5754, 0.2946,

 1.2660, 0.1979,

0.3402

355.4747, 0.2956,
0.3395

0.4015

0.1147, 0.0000,
0.7863

0.0000, 0.0000,
0.0000

58.5357, 0.2815,
0.3483

58.5357, 0.2815,
0.3483

56.3845, 0.2718,
0.3564

61.0715, 0.2922,
0.3408

54.5910, 0.2634,
0.3651

64.0030, 0.3036,
0.3339

53.1362, 0.2566,
0.3742

67.3496, 0.3155,
0.3276

51.9961, 0.2516,
0.3836

71.1273, 0.3275,
0.3220

■ 51.1437, 0.2485,
0.3931

■ 74.2951, 0.3354,
0.3169

■ 50.5474, 0.2474,
0.4027

■ 74.5961, 0.3316,
0.3115

■ 50.1628, 0.2481,
0.4121

■ 74.9066, 0.3277,
0.3062

■ 50.0880, 0.2484,
0.4143

■ 75.2267, 0.3239,
0.3009

■ 75.5565, 0.3202,
0.2958

Harmonies

Analogous

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



58.5357, 0.3078, 0.3705



58.5357, 0.2815, 0.3483



58.5357, 0.2640, 0.3211

Triad

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



58.5357, 0.2815, 0.3483



58.5357, 0.2879, 0.2825



58.5357, 0.3695, 0.3567

Complementary

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



58.5357, 0.2815, 0.3483



40.1196, 0.3575, 0.3107

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.



58.5357, 0.3639, 0.3334



58.5357, 0.2815, 0.3483



58.5357, 0.3157, 0.2919

Square

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



58.5357, 0.2815, 0.3483



58.5357, 0.2675, 0.2842



58.5357, 0.3439, 0.3102



58.5357, 0.3590, 0.3741

Rectangle

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



58.5357, 0.2815, 0.3483



58.5357, 0.2592, 0.3046



58.5357, 0.3439, 0.3102



58.5357, 0.3694, 0.3493

Sweetspot

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



58.5381, 0.2815, 0.3483



96.0040, 0.3032, 0.3341



58.4414, 0.3205, 0.4058



20.3978, 0.3014, 0.3351



0.0000, 0.0000, 0.0000



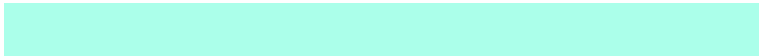
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5381, 0.2815, 0.3483



86.0768, 0.2759, 0.3528



52.6295, 0.2709, 0.3112



14.0513, 0.3016, 0.3350



30.6103, 0.2480, 0.4129



1.8593, 0.2435, 0.3966

Inverse Universe

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



40.1196, 0.3575, 0.3107



54.1475, 0.3701, 0.3068



44.3964, 0.3682, 0.3461



12.4722, 0.3251, 0.3231



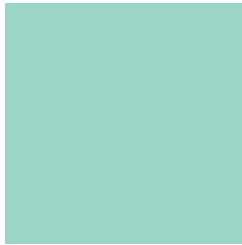
8.8193, 0.5902, 0.3025



0.5454, 0.5402, 0.2750

Previews

White Background



This preview shows how the Yxy color 58.5357, 0.2815, 0.3483 looks on a white background.

Color Contrast Check

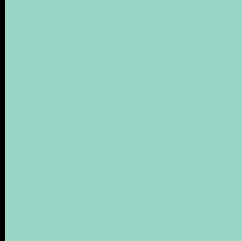
Large Text (above 18pt) WCAG AA × Fail

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 58.5357, 0.2815, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

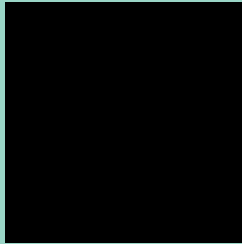
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

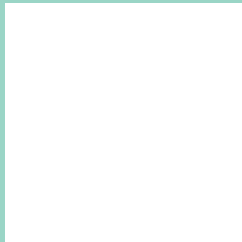
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5357, 0.2815, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 58.5357, 0.2815, 0.3483.

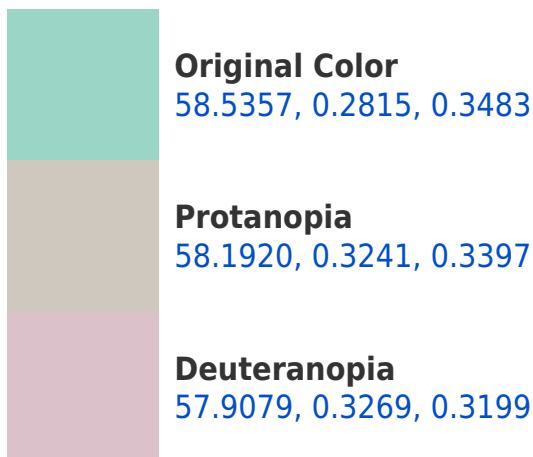


This preview shows how white text looks on a background with the Yxy color 58.5357, 0.2815, 0.3483.

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

58.5655, 0.2683, 0.3080

Trichromacy



Original Color

58.5357, 0.2815, 0.3483

Protanomaly

58.1225, 0.3068, 0.3425

Deuteranomaly

57.5924, 0.3081, 0.3290

Tritanomaly

58.3202, 0.2730, 0.3214

Monochromacy



Original Color

58.5357, 0.2815, 0.3483

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.2971, 0.3002, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5357, 0.2815, 0.3483 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(154, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(154, 213, 198)  
}
```

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(154, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 213, 198) }
```

Border

The CSS property to change the border of an element to Yxy 58.5357, 0.2815, 0.3483 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(154, 213, 198) }
```

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

```
.border{ border-color:rgb(154, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(154, 213,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5357, 0.2815, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 213, 198) }
```

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

```
.background{ background-color: rgb(154,  
213, 198) }
```

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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