

Converting Colors

$Yxy(59.6601, 0.2907, 0.3524)$

Have a look what the booklet for
Yxy(59.6601, 0.2907, 0.3524)
contains.

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Color

Yxy(59.5280, 0.2905, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	A5D5C3
RGB	165, 213, 195
RGB Percent	65%, 84%, 76%
CMY	0.3531, 0.1647, 0.2353
CMYK	0.23, 0.00, 0.08, 0.16
HSL	158°, 36%, 74%
HSV	158°, 23%, 84%
XYZ	49.1554, 59.5280, 60.5263
YIQ	196.5960, -22.8300, -15.7740

Conversions

Conversions Part 2

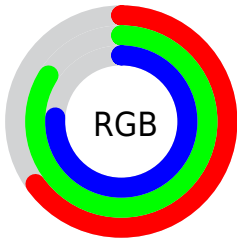
Format	Color
R _{YB}	165, 195, 213
Decimal	10868163
CIE Lab	81.58, -19.27, 3.80
CIE LCh	82, 19.636, 168.852
Yxy	59.5280, 0.2905, 0.3518
Android (android.graphics.Color)	4289058243 (0xFFA5D5C3)
YUV	196.5960, -0.7868, -27.7097
Hunter-Lab	77.1544, -21.2970, 7.4961

Details

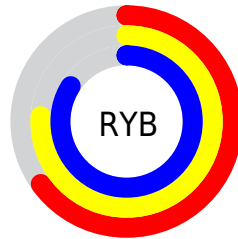
The Yxy color **59.5280, 0.2905, 0.3518** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4635, 0.3417, 0.3074**, and the grayscale version is **55.5909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9204, 0.2939, 0.3320**, and **29.8216, 0.2849, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **57.0822, 0.2816, 0.3636**, and if you desaturate by 10%, it is **62.3784, 0.3001, 0.3410**.

Distribution



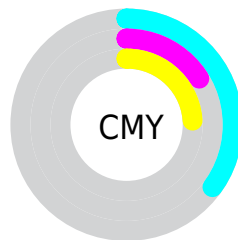
- Red (65%)
- Green (84%)
- Blue (76%)



- Red (65%)
- Yellow (76%)
- Blue (84%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)




- Cyan (35%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5280, 0.2905, 0.3518 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 59.5280, 0.2905, 0.3518 by changing the saturation by 10% instead.


 59.5280, 0.2905,
0.3518

 59.5280, 0.2905,
0.3518

422.8558, 0.3012,
0.3407

 43.0383, 0.2879,
0.3545


 104.1447, 0.2943,
0.3478

 29.9152, 0.2847,
0.3579


 133.0404, 0.2958,
0.3463

 19.7742, 0.2805,
0.3623

166.8403, 0.2970,
0.3450

 12.2310, 0.2748,
0.3684

205.9288, 0.2981,
0.3439

 6.9012, 0.2666,
0.3771

250.6901, 0.2990,
0.3430

 3.4004, 0.2541,
0.3909

301.5088, 0.2998,

 1.3442, 0.2315,

0.3421

0.4158

358.7693, 0.3006,
0.3414

0.1750, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.5280, 0.2905,
0.3518

59.5280, 0.2905,
0.3518

57.0822, 0.2816,
0.3636

62.3784, 0.3001,
0.3410

55.0146, 0.2737,
0.3763

65.6439, 0.3101,
0.3313

53.3068, 0.2671,
0.3898

69.3436, 0.3203,
0.3226

51.9361, 0.2621,
0.4040

73.4933, 0.3305,
0.3149

■ 50.8769, 0.2590,
0.4185

■ 74.8492, 0.3284,
0.3072

■ 50.1001, 0.2580,
0.4331

■ 75.3211, 0.3229,
0.2995

■ 49.5705, 0.2589,
0.4475

■ 75.8140, 0.3174,
0.2919

■ 49.2924, 0.2606,
0.4581

■ 76.0750, 0.3146,
0.2881

Harmonies

Analogous

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



59.5280, 0.3150, 0.3689



59.5280, 0.2905, 0.3518



59.5280, 0.2724, 0.3282

Triad

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



59.5280, 0.2905, 0.3518



59.5280, 0.2853, 0.2869



59.5280, 0.3630, 0.3488

Complementary

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



59.5280, 0.2905, 0.3518



44.4635, 0.3417, 0.3074

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.



59.5280, 0.3545, 0.3276



59.5280, 0.2905, 0.3518



59.5280, 0.3088, 0.2929

Square

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



59.5280, 0.2905, 0.3518



59.5280, 0.2695, 0.2913



59.5280, 0.3344, 0.3076



59.5280, 0.3574, 0.3660

Rectangle

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



59.5280, 0.2905, 0.3518



59.5280, 0.2661, 0.3128



59.5280, 0.3344, 0.3076



59.5280, 0.3617, 0.3419

Sweetspot

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



59.5305, 0.2905, 0.3518



96.3467, 0.3056, 0.3356



60.4246, 0.3234, 0.3893



20.5580, 0.3049, 0.3362



0.0000, 0.0000, 0.0000



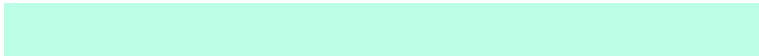
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5305, 0.2905, 0.3518



87.6454, 0.2862, 0.3572



57.6235, 0.2789, 0.3219



14.0252, 0.3032, 0.3379



30.1263, 0.2600, 0.4560



1.8329, 0.2532, 0.4314

Inverse Universe

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



44.4635, 0.3417, 0.3074



61.1928, 0.3496, 0.3026



45.8270, 0.3571, 0.3360



12.4971, 0.3233, 0.3203



9.0119, 0.5465, 0.2784



0.5594, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 59.5280, 0.2905, 0.3518 looks on a white background.

Color Contrast Check

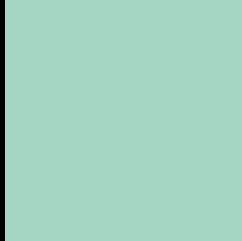
Large Text (above 18pt) WCAG AA × Fail

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 59.5280, 0.2905, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

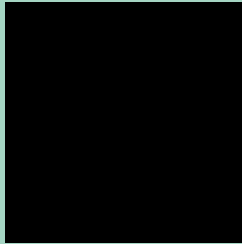
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

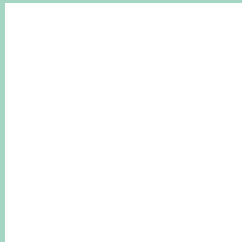
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5280, 0.2905, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 59.5280, 0.2905, 0.3518.

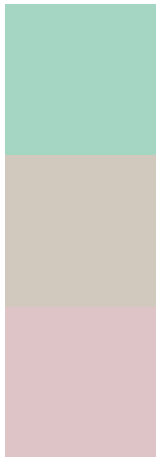


This preview shows how white text looks on a background with the Yxy color 59.5280, 0.2905, 0.3518.

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

59.5280, 0.2905, 0.3518

Protanopia

59.0027, 0.3278, 0.3432

Deuteranopia

59.2914, 0.3322, 0.3257



Tritanopia

59.6951, 0.2758, 0.3096

Trichromacy



Original Color

59.5280, 0.2905, 0.3518

Protanomaly

58.7617, 0.3134, 0.3460

Deuteranomaly

58.8748, 0.3156, 0.3338

Tritanomaly

59.3832, 0.2812, 0.3240

Monochromacy



Original Color

59.5280, 0.2905, 0.3518

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.0117, 0.3040, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5280, 0.2905, 0.3518 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(165, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(165, 213, 195)  
}
```

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(165, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 213, 195) }
```

Border

The CSS property to change the border of an element to Yxy 59.5280, 0.2905, 0.3518 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(165, 213, 195) }
```

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

```
.border{ border-color:rgb(165, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(165, 213,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5280, 0.2905, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 213, 195) }
```

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

```
.background{ background-color: rgb(165,  
213, 195) }
```

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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