

Converting Colors

$Yxy(59.1320, 0.2880, 0.3945)$

Have a look what the booklet for
Yxy(59.1320, 0.2880, 0.3945)
contains.

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Color

Yxy(59.0066, 0.2881, 0.3939)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8ADBAB |
| RGB | 138, 219, 171 |
| RGB Percent | 54%, 86%, 67% |
| CMY | 0.4590, 0.1411, 0.3295 |
| CMYK | 0.37, 0.00, 0.22, 0.14 |
| HSL | 144°, 53%, 70% |
| HSV | 144°, 37%, 86% |
| XYZ | 43.1577, 59.0066, 47.6367 |
| YIQ | 189.3090, -32.8680, -32.1000 |

Conversions

Conversions Part 2

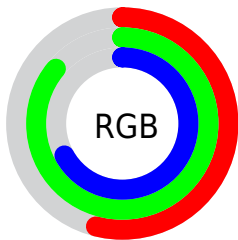
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 138, 196, 219 |
| Decimal | 9100203 |
| CIELab | 81.30, -35.07, 15.92 |
| CIELCh | 81, 38.515, 155.584 |
| Yxy | 59.0066, 0.2881, 0.3939 |
| Android (android.graphics.Color) | 4287290283 (0xFF8ADBAB) |
| YUV | 189.3090, -9.0263, -44.9980 |
| Hunter-Lab | 76.8158, -34.1403, 17.0028 |

Details

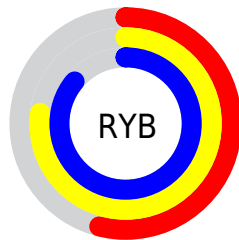
The Yxy color **59.0066, 0.2881, 0.3939** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.7725, 0.3494, 0.2724**, and the grayscale version is **51.1378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4803, 0.2922, 0.3605**, and **29.7676, 0.2808, 0.4125** is the 20% darker color. If you saturate the color by 10%, you get **56.8554, 0.2829, 0.4154**, and if you desaturate by 10%, it is **61.5879, 0.2942, 0.3739**.

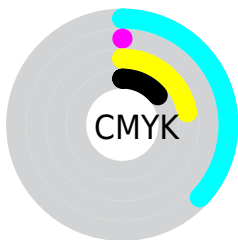
Distribution



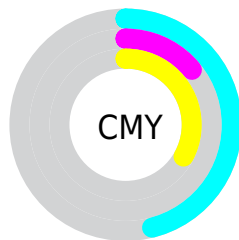
- Red (54%)
- Green (86%)
- Blue (67%)



- Red (54%)
- Yellow (77%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)




- Cyan (46%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0066, 0.2881, 0.3939 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 59.0066, 0.2881, 0.3939 by changing the saturation by 10% instead.


 59.0066, 0.2881,
0.3939


 59.0066, 0.2881,
0.3939


420.9264, 0.3006,
0.3613


 42.6184, 0.2849,
0.4020


 103.3873, 0.2927,
0.3820

 29.5858, 0.2808,
0.4125

 132.1485, 0.2944,
0.3776

 19.5244, 0.2754,
0.4264


 165.8030, 0.2958,
0.3738

 12.0498, 0.2676,
0.4458

204.7350, 0.2971,
0.3706

 6.7776, 0.2560,
0.4746

249.3289, 0.2981,
0.3678

 3.3234, 0.2368,
0.5214

299.9692, 0.2991,

 1.3028, 0.1765,

0.3654

0.6916

357.0402, 0.2999,
0.3632

0.1434, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.0066, 0.2881,
0.3939

59.0066, 0.2881,
0.3939

56.8554, 0.2829,
0.4154

61.5879, 0.2942,
0.3739

55.1027, 0.2789,
0.4381


64.6141, 0.3008,
0.3557

53.7244, 0.2765,
0.4614

68.1084, 0.3078,
0.3394

52.6902, 0.2759,
0.4845

72.0900, 0.3148,
0.3248

 51.9653, 0.2771,
0.5065

 76.5772, 0.3218,
0.3120

 51.5040, 0.2802,
0.5267

 78.7592, 0.3184,
0.2998

 51.3945, 0.2812,
0.5324

 79.1491, 0.3144,
0.2940

Harmonies

Analogous

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



59.0066, 0.3370, 0.4181



59.0066, 0.2881, 0.3939



59.0066, 0.2479, 0.3477

Triad

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



59.0066, 0.2881, 0.3939



59.0066, 0.2444, 0.2503



59.0066, 0.4085, 0.3463

Complementary

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



59.0066, 0.2881, 0.3939



36.7725, 0.3494, 0.2724

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.



59.0066, 0.3798, 0.3074



59.0066, 0.2881, 0.3939



59.0066, 0.2827, 0.2544

Square

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



59.0066, 0.2881, 0.3939



59.0066, 0.2244, 0.2652



59.0066, 0.3324, 0.2748



59.0066, 0.4085, 0.3844

Rectangle

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



59.0066, 0.2881, 0.3939



59.0066, 0.2307, 0.3145



59.0066, 0.3324, 0.2748



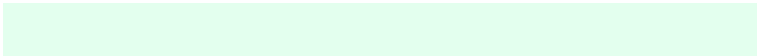
59.0066, 0.4019, 0.3330

Sweetspot

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



59.0090, 0.2881, 0.3939



94.0382, 0.3049, 0.3458



63.0164, 0.3426, 0.4291



19.9833, 0.3040, 0.3481



0.0000, 0.0000, 0.0000



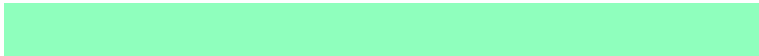
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0090, 0.2881, 0.3939



80.9952, 0.2842, 0.4096



60.7676, 0.2655, 0.3393



14.6938, 0.3061, 0.3432



30.4914, 0.2804, 0.5296



1.9922, 0.2713, 0.4968

Inverse Universe

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



36.7725, 0.3494, 0.2724



45.4622, 0.3596, 0.2613



35.3054, 0.3935, 0.3194



13.1804, 0.3200, 0.3152



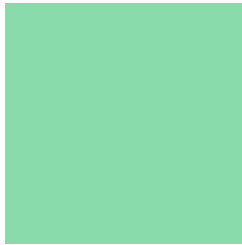
9.9040, 0.4563, 0.2288



0.6586, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 59.0066, 0.2881, 0.3939 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 59.0066, 0.2881, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

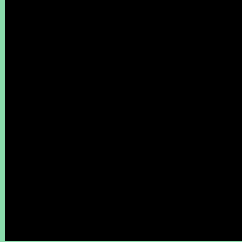
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0066, 0.2881, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 59.0066, 0.2881, 0.3939.



This preview shows how white text looks on a background with the Yxy color 59.0066, 0.2881, 0.3939.

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

59.0066, 0.2881, 0.3939

Protanopia

58.5281, 0.3517, 0.3753

Deuteranopia

58.3762, 0.3559, 0.3495



Tritanopia

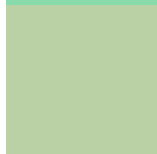
58.6740, 0.2616, 0.3078

Trichromacy



Original Color

59.0066, 0.2881, 0.3939



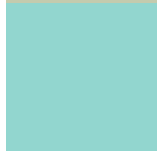
Protanomaly

58.2675, 0.3261, 0.3831



Deuteranomaly

57.5036, 0.3283, 0.3647



Tritanomaly

58.7091, 0.2714, 0.3379

Monochromacy



Original Color

59.0066, 0.2881, 0.3939



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.2320, 0.3024, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0066, 0.2881, 0.3939 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(138, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 171)  
}
```

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(138, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 171) }
```

Border

The CSS property to change the border of an element to Yxy 59.0066, 0.2881, 0.3939 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(138, 219, 171) }
```

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

```
.border{ border-color:rgb(138, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0066, 0.2881, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 171) }
```

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

```
.background{ background-color: rgb(138,  
219, 171) }
```

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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