

Converting Colors

$Yxy(58.8120, 0.2878, 0.3376)$

Have a look what the booklet for
Yxy(58.8120, 0.2878, 0.3376)
contains.

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Color

Yxy(58.8400, 0.2880, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	A9D2CB
RGB	169, 210, 203
RGB Percent	66%, 82%, 80%
CMY	0.3375, 0.1764, 0.2039
CMYK	0.20, 0.00, 0.03, 0.18
HSL	170°, 31%, 74%
HSV	170°, 20%, 82%
XYZ	50.1804, 58.8400, 65.2171
YIQ	196.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

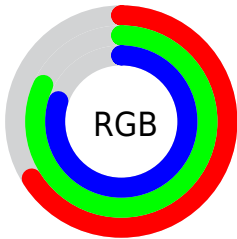
Format	Color
RYB	169, 191, 210
Decimal	11129547
CIELab	81.20, -14.87, -1.00
CIElCh	81, 14.902, 183.837
Yxy	58.8400, 0.2880, 0.3377
Android (android.graphics.Color)	4289319627 (0xFFA9D2CB)
YUV	196.9430, 2.9861, -24.5060
Hunter-Lab	76.7072, -17.4664, 3.2862

Details

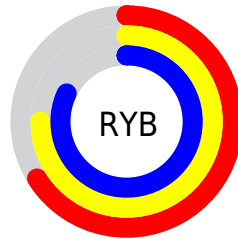
The Yxy color **58.8400, 0.2880, 0.3377** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1933, 0.3446, 0.3205**, and the grayscale version is **55.7862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **29.3256, 0.2815, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **56.5352, 0.2765, 0.3427**, and if you desaturate by 10%, it is **61.5267, 0.3004, 0.3331**.

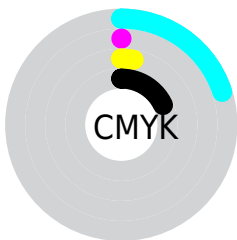
Distribution



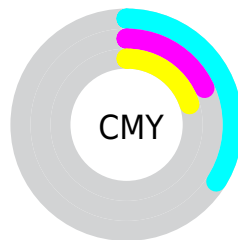
- Red (66%)
- Green (82%)
- Blue (80%)



- Red (66%)
- Yellow (75%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (34%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8400, 0.2880, 0.3377 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 58.8400, 0.2880, 0.3377 by changing the saturation by 10% instead.

■ 58.8400, 0.2880,
0.3377

■ 58.8400, 0.2880,
0.3377

■ 420.3087, 0.2998,
0.3336

■ 42.4843, 0.2852,
0.3387

■ 103.1451, 0.2922,
0.3362

■ 29.4807, 0.2817,
0.3399

■ 131.8633, 0.2938,
0.3357

■ 19.4448, 0.2771,
0.3415

■ 165.4711, 0.2952,
0.3352

■ 11.9921, 0.2709,
0.3435

■ 204.3530, 0.2964,
0.3348

■ 6.7383, 0.2623,
0.3465

■ 248.8933, 0.2974,
0.3344

■ 3.2990, 0.2490,
0.3508

■ 299.4764, 0.2983,

■ 1.2897, 0.2265,

0.3341

356.4868, 0.2991,
0.3338

0.3581

0.1332, 0.0000,
0.3828

0.0000, 0.0000,
0.0000

58.8400, 0.2880,
0.3377

58.8400, 0.2880,
0.3377

56.5352, 0.2765,
0.3427

61.5267, 0.3004,
0.3331

54.5871, 0.2662,
0.3481

64.6045, 0.3133,
0.3288

52.9789, 0.2573,
0.3538

68.0915, 0.3266,
0.3250

51.6896, 0.2502,
0.3598


72.0026, 0.3400,
0.3216

 50.6956, 0.2448,
0.3658

 72.5774, 0.3389,
0.3180


 49.9704, 0.2415,
0.3720


 72.7703, 0.3363,
0.3145

 49.4822, 0.2400,
0.3781

 72.9674, 0.3337,
0.3109

 49.1764, 0.2401,
0.3842

 73.1686, 0.3311,
0.3074

 49.1641, 0.2401,
0.3844

 73.3740, 0.3285,
0.3039

Harmonies

Analogous

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



58.8400, 0.3049, 0.3536



58.8400, 0.2880, 0.3377



58.8400, 0.2778, 0.3198

Triad

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



58.8400, 0.2880, 0.3377



58.8400, 0.3003, 0.2979



58.8400, 0.3501, 0.3516

Complementary

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



58.8400, 0.2880, 0.3377



45.1933, 0.3446, 0.3205

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.



58.8400, 0.3490, 0.3365



58.8400, 0.2880, 0.3377



58.8400, 0.3197, 0.3061

Square

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



58.8400, 0.2880, 0.3377



58.8400, 0.2847, 0.2974



58.8400, 0.3377, 0.3200



58.8400, 0.3410, 0.3613

Rectangle

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



58.8400, 0.2880, 0.3377



58.8400, 0.2759, 0.3094



58.8400, 0.3377, 0.3200



58.8400, 0.3510, 0.3469

Sweetspot

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



58.8424, 0.2880, 0.3377



97.0458, 0.3048, 0.3315



58.2494, 0.3158, 0.3815



20.7059, 0.3040, 0.3318



0.0000, 0.0000, 0.0000



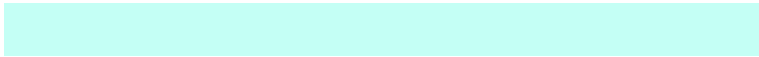
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8424, 0.2880, 0.3377



89.8949, 0.2836, 0.3395



53.0207, 0.2826, 0.3125



13.3710, 0.3005, 0.3330



29.9974, 0.2399, 0.3835



1.6866, 0.2368, 0.3724

Inverse Universe

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



45.1933, 0.3446, 0.3205



65.3715, 0.3523, 0.3188



50.0031, 0.3481, 0.3449



11.8407, 0.3264, 0.3251



8.4451, 0.6135, 0.3153



0.4826, 0.5655, 0.2889

Previews

White Background



This preview shows how the Yxy color 58.8400, 0.2880, 0.3377 looks on a white background.

Color Contrast Check

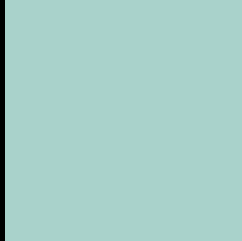
Large Text (above 18pt) WCAG AA × Fail

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 58.8400, 0.2880, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

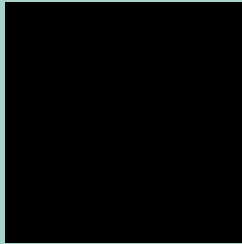
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

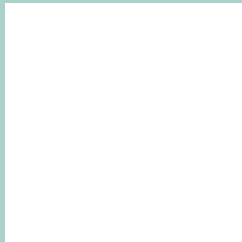
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8400, 0.2880, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 58.8400, 0.2880, 0.3377.

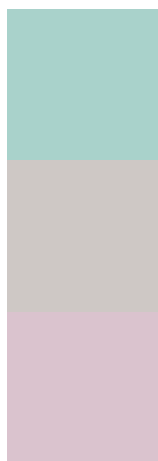


This preview shows how white text looks on a background with the Yxy color 58.8400, 0.2880, 0.3377.

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

58.8400, 0.2880, 0.3377

Protanopia

58.4616, 0.3196, 0.3326

Deuteranopia

58.3919, 0.3229, 0.3165



Tritanopia

58.8376, 0.2781, 0.3095

Trichromacy



Original Color

58.8400, 0.2880, 0.3377

Protanomaly

58.6467, 0.3079, 0.3350

Deuteranomaly

57.9957, 0.3091, 0.3231

Tritanomaly

58.8403, 0.2818, 0.3191

Monochromacy



Original Color

58.8400, 0.2880, 0.3377

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.9294, 0.3034, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8400, 0.2880, 0.3377 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(169, 210, 203)` looks like.

```
.text, #text, p{  
  color:rgb(169, 210, 203)  
}
```

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(169, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 210, 203) }
```

Border

The CSS property to change the border of an element to Yxy 58.8400, 0.2880, 0.3377 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(169, 210, 203) }
```

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

```
.border{ border-color:rgb(169, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 210,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8400, 0.2880, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 210, 203) }
```

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

```
.background{ background-color: rgb(169,  
210, 203) }
```

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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