

Converting Colors

$Yxy(60.6139, 0.2879, 0.3414)$

Have a look what the booklet for
Yxy(60.6139, 0.2879, 0.3414)
contains.

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Color

Yxy(60.8399, 0.2883, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	A9D6CB
RGB	169, 214, 203
RGB Percent	66%, 84%, 80%
CMY	0.3370, 0.1608, 0.2039
CMYK	0.21, 0.00, 0.05, 0.16
HSL	165°, 35%, 75%
HSV	165°, 21%, 84%
XYZ	51.1971, 60.8399, 65.5458
YIQ	199.2910, -23.2890, -12.9610

Conversions

Conversions Part 2

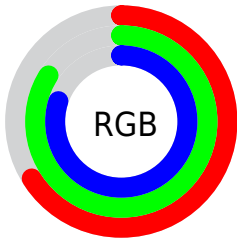
Format	Color
RYB	169, 195, 214
Decimal	11130571
CIELab	82.29, -16.85, 0.60
CIELCh	82, 16.862, 177.969
Yxy	60.8399, 0.2883, 0.3426
Android (android.graphics.Color)	4289320651 (0xFFA9D6CB)
YUV	199.2910, 1.8285, -26.5652
Hunter-Lab	77.9999, -19.3371, 4.7767

Details

The Yxy color **60.8399, 0.2883, 0.3426** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9893, 0.3446, 0.3159**, and the grayscale version is **57.3075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **30.6792, 0.2820, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **58.4198, 0.2778, 0.3500**, and if you desaturate by 10%, it is **63.6608, 0.2996, 0.3358**.

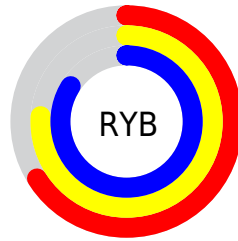
Distribution



Red (66%)

Green (84%)

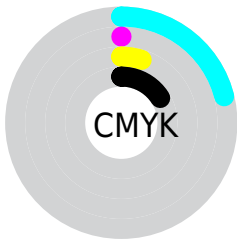
Blue (80%)



Red (66%)

Yellow (76%)

Blue (84%)

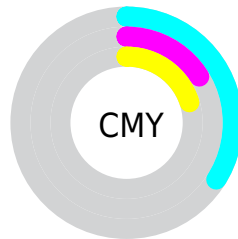


Cyan (21%)

Magenta (0%)

Yellow (5%)

Black (16%)



Cyan (34%)


Magenta (16%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8399, 0.2883, 0.3426 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 60.8399, 0.2883, 0.3426 by changing the saturation by 10% instead.


 60.8399, 0.2883,
0.3426

 60.8399, 0.2883,
0.3426


427.6867, 0.3000,
0.3361

 44.0960, 0.2855,
0.3441


 106.0471, 0.2924,
0.3403

 30.7460, 0.2821,
0.3461


135.2791, 0.2940,
0.3394

 20.4055, 0.2776,
0.3486


169.4427, 0.2954,
0.3387

 12.6901, 0.2716,
0.3520

208.9221, 0.2965,
0.3380

 7.2155, 0.2632,
0.3567

254.1019, 0.2975,
0.3374

 3.5972, 0.2504,
0.3640

305.3663, 0.2984,

 1.4509, 0.2289,

0.3369

0.3763

363.0998, 0.2992,
0.3365

0.2538, 0.0000,
0.5197

0.0000, 0.0000,
0.0000

60.8399, 0.2883,
0.3426

60.8399, 0.2883,
0.3426

58.4198, 0.2778,
0.3500

63.6608, 0.2996,
0.3358

56.3741, 0.2684,
0.3580


66.8927, 0.3115,
0.3296


54.6848, 0.2604,
0.3664


70.5545, 0.3237,
0.3240

53.3295, 0.2540,
0.3752


74.6619, 0.3359,
0.3191

 52.2831, 0.2496,
0.3843

 75.0157, 0.3324,
0.3139

 51.5170, 0.2471,
0.3934

 75.3128, 0.3287,
0.3087

 50.9970, 0.2466,
0.4026

 75.6188, 0.3251,
0.3036

 50.6857, 0.2474,
0.4107

 75.9337, 0.3214,
0.2986

 76.2577, 0.3179,
0.2936

Harmonies

Analogous

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



60.8399, 0.3081, 0.3593



60.8399, 0.2883, 0.3426



60.8399, 0.2752, 0.3224

Triad

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



60.8399, 0.2883, 0.3426



60.8399, 0.2949, 0.2936



60.8399, 0.3553, 0.3511

Complementary

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



60.8399, 0.2883, 0.3426



45.9893, 0.3446, 0.3159

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.



60.8399, 0.3517, 0.3336



60.8399, 0.2883, 0.3426



60.8399, 0.3162, 0.3012

Square

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



60.8399, 0.2883, 0.3426



60.8399, 0.2789, 0.2947



60.8399, 0.3372, 0.3156



60.8399, 0.3471, 0.3637

Rectangle

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



60.8399, 0.2883, 0.3426



60.8399, 0.2718, 0.3101



60.8399, 0.3372, 0.3156



60.8399, 0.3555, 0.3456

Sweetspot

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



60.8424, 0.2883, 0.3426



96.9741, 0.3055, 0.3326



60.6941, 0.3182, 0.3855



20.6889, 0.3047, 0.3331



0.0000, 0.0000, 0.0000



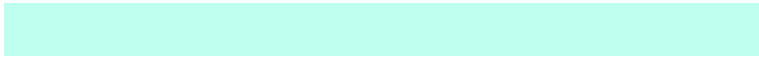
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8424, 0.2883, 0.3426



88.8851, 0.2837, 0.3457



55.8938, 0.2807, 0.3149



14.0535, 0.3015, 0.3348



30.6560, 0.2470, 0.4093



1.8617, 0.2427, 0.3937

Inverse Universe

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



45.9893, 0.3446, 0.3159



63.1279, 0.3529, 0.3130



49.9217, 0.3519, 0.3426



12.4701, 0.3253, 0.3233



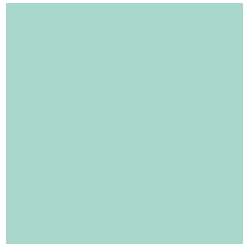
8.8067, 0.5934, 0.3042



0.5444, 0.5435, 0.2768

Previews

White Background



This preview shows how the Yxy color 60.8399, 0.2883, 0.3426 looks on a white background.

Color Contrast Check

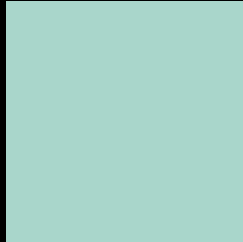
Large Text (above 18pt) WCAG AA × Fail

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 60.8399, 0.2883, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

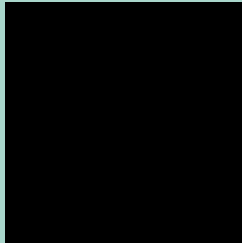
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

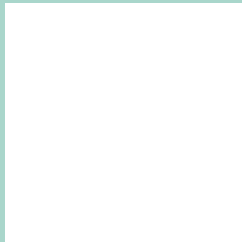
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8399, 0.2883, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 60.8399, 0.2883, 0.3426.

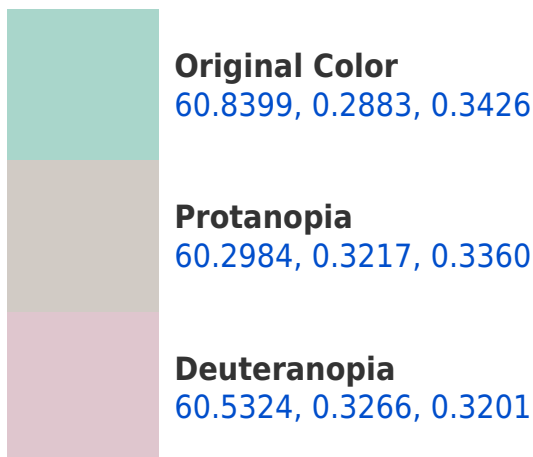


This preview shows how white text looks on a background with the Yxy color 60.8399, 0.2883, 0.3426.

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

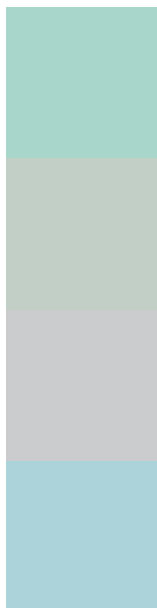




Tritanopia

60.6379, 0.2767, 0.3086

Trichromacy



Original Color

60.8399, 0.2883, 0.3426

Protanomaly

60.2185, 0.3085, 0.3386

Deuteranomaly

60.2900, 0.3112, 0.3278

Tritanomaly

60.4211, 0.2808, 0.3204

Monochromacy



Original Color

60.8399, 0.2883, 0.3426

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0472, 0.3034, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8399, 0.2883, 0.3426 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, 214, 203)` looks like.

```
.text, #text, p{  
    color:rgb(169, 214, 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, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 214, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.8399, 0.2883, 0.3426 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, 214, 203) }
```

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

```
.border{ border-color:rgb(169, 214, 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, 214, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 214,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8399, 0.2883, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 214, 203) }
```

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

```
.background{ background-color: rgb(169,  
214, 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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