

Converting Colors

$Yxy(59.6048, 0.2801, 0.3300)$

Have a look what the booklet for
Yxy(59.6048, 0.2801, 0.3300)
contains.

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Color

Yxy(59.6826, 0.2800, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	A4D4D3
RGB	164, 212, 211
RGB Percent	64%, 83%, 83%
CMY	0.3568, 0.1686, 0.1727
CMYK	0.23, 0.00, 0.00, 0.17
HSL	179°, 36%, 74%
HSV	179°, 23%, 83%
XYZ	50.6091, 59.6826, 70.4551
YIQ	197.5340, -28.2870, -10.4870

Conversions

Conversions Part 2

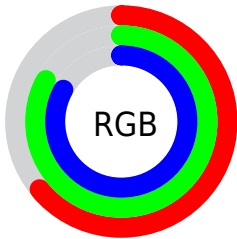
Format	Color
RYB	164, 188, 212
Decimal	10802387
CIELab	81.67, -15.71, -4.60
CIELCh	82, 16.371, 196.314
Yxy	59.6826, 0.2800, 0.3302
Android (android.graphics.Color)	4288992467 (0xFFA4D4D3)
YUV	197.5340, 6.6387, -29.4093
Hunter-Lab	77.2545, -18.2608, 0.0065

Details

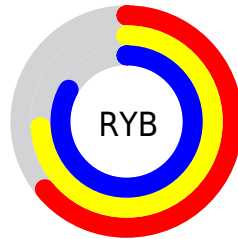
The Yxy color **59.6826, 0.2800, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2726, 0.3578, 0.3279**, and the grayscale version is **56.1479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **29.9278, 0.2714, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **57.5910, 0.2673, 0.3308**, and if you desaturate by 10%, it is **62.1552, 0.2939, 0.3296**.

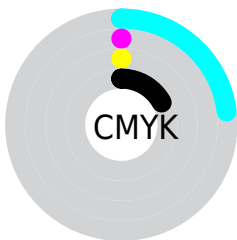
Distribution



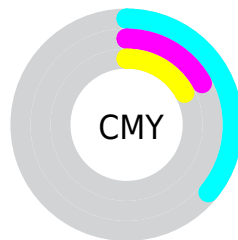
- Red (64%)
- Green (83%)
- Blue (83%)



- Red (64%)
- Yellow (74%)
- Blue (83%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)





- Cyan (36%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6826, 0.2800, 0.3302 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 59.6826, 0.2800, 0.3302 by changing the saturation by 10% instead.


 59.6826, 0.2800,
0.3302


 59.6826, 0.2800,
0.3302


423.4269, 0.2956,
0.3298

 43.1629, 0.2763,
0.3302


 104.3691, 0.2855,
0.3301

 30.0129, 0.2718,
0.3303


 133.3046, 0.2876,
0.3300

 19.8484, 0.2659,
0.3303


167.1476, 0.2894,
0.3300

 12.2849, 0.2580,
0.3302

206.2823, 0.2910,
0.3300

 6.9380, 0.2470,
0.3300

251.0932, 0.2923,
0.3299

 3.4234, 0.2306,
0.3292

301.9646, 0.2935,

 1.3565, 0.2035,

0.3299

0.3271

359.2811, 0.2946,
0.3298

0.1844, 0.0000,
0.2609

0.0000, 0.0000,
0.0000

59.6826, 0.2800,
0.3302

59.6826, 0.2800,
0.3302

57.5910, 0.2673,
0.3308

62.1552, 0.2939,
0.3296

55.8543, 0.2561,
0.3315

65.0187, 0.3087,
0.3291

54.4549, 0.2466,
0.3321

68.2918, 0.3241,
0.3287

53.3705, 0.2389,
0.3328

71.9900, 0.3398,
0.3283

■ 52.5762, 0.2332,
0.3335

■ 73.1673, 0.3442,
0.3278

■ 52.0434, 0.2293,
0.3342

■ 73.1908, 0.3439,
0.3273

■ 51.7377, 0.2272,
0.3349

■ 73.2143, 0.3435,
0.3269

■ 51.6143, 0.2265,
0.3354

■ 73.2379, 0.3432,
0.3264

■ 73.2616, 0.3429,
0.3259

Harmonies

Analogous

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



59.6826, 0.2958, 0.3494



59.6826, 0.2800, 0.3302



59.6826, 0.2728, 0.3114

Triad

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



59.6826, 0.2800, 0.3302



59.6826, 0.3078, 0.2980



59.6826, 0.3507, 0.3590

Complementary

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



59.6826, 0.2800, 0.3302



43.2726, 0.3578, 0.3279

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.



59.6826, 0.3544, 0.3443



59.6826, 0.2800, 0.3302



59.6826, 0.3291, 0.3098

Square

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



59.6826, 0.2800, 0.3302



59.6826, 0.2884, 0.2937



59.6826, 0.3464, 0.3265



59.6826, 0.3367, 0.3661

Rectangle

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



59.6826, 0.2800, 0.3302



59.6826, 0.2737, 0.3018



59.6826, 0.3464, 0.3265



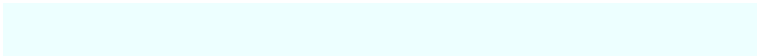
59.6826, 0.3532, 0.3548

Sweetspot

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



59.6850, 0.2800, 0.3302



96.7454, 0.3020, 0.3294



57.8359, 0.3109, 0.3918



20.6505, 0.3011, 0.3294



0.0000, 0.0000, 0.0000



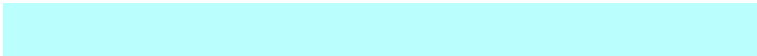
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6850, 0.2800, 0.3302



89.1019, 0.2739, 0.3305



49.3058, 0.2772, 0.3002



14.1030, 0.2986, 0.3295



31.8643, 0.2265, 0.3353



1.9234, 0.2261, 0.3341

Inverse Universe

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



43.2726, 0.3578, 0.3279



60.0566, 0.3702, 0.3276



51.9696, 0.3529, 0.3562



12.4251, 0.3288, 0.3285



8.6492, 0.6376, 0.3286



0.5233, 0.6296, 0.3242

Previews

White Background



This preview shows how the Yxy color 59.6826, 0.2800, 0.3302 looks on a white background.

Color Contrast Check

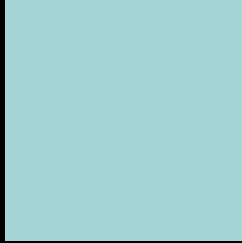
Large Text (above 18pt) WCAG AA × Fail

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 59.6826, 0.2800, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

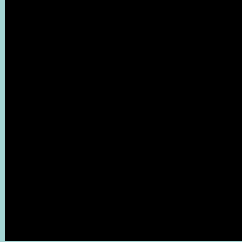
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

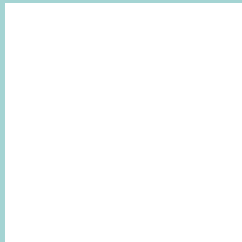
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6826, 0.2800, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 59.6826, 0.2800, 0.3302.



This preview shows how white text looks on a background with the Yxy color 59.6826, 0.2800, 0.3302.

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

59.6826, 0.2800, 0.3302

Protanopia

59.1602, 0.3129, 0.3243

Deuteranopia

59.0866, 0.3160, 0.3087



Tritanopia

59.7997, 0.2728, 0.3095

Trichromacy



Original Color

59.6826, 0.2800, 0.3302

Protanomaly

59.1148, 0.3001, 0.3266

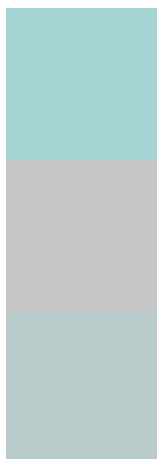
Deuteranomaly

59.0509, 0.3020, 0.3160

Tritanomaly

59.9160, 0.2752, 0.3167

Monochromacy



Original Color

59.6826, 0.2800, 0.3302

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.4628, 0.2999, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6826, 0.2800, 0.3302 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(164, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(164, 212, 211)  
}
```

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(164, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 212, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.6826, 0.2800, 0.3302 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(164, 212, 211) }
```

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

```
.border{ border-color:rgb(164, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(164, 212,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6826, 0.2800, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 212, 211) }
```

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

```
.background{ background-color: rgb(164,  
212, 211) }
```

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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