

Converting Colors

$Y_{xy}(59.1331, 0.2610, 0.3402)$

Have a look what the booklet for
Yxy(59.1331, 0.2610, 0.3402)
contains.

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Color

Yxy(59.3355, 0.2611, 0.3406)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80DAD1 |
| RGB | 128, 218, 209 |
| RGB Percent | 50%, 85%, 82% |
| CMY | 0.4979, 0.1451, 0.1803 |
| CMYK | 0.41, 0.00, 0.04, 0.15 |
| HSL | 174°, 55%, 68% |
| HSV | 174°, 41%, 85% |
| XYZ | 45.4859, 59.3355, 69.3873 |
| YIQ | 190.0640, -50.7510, -21.8790 |

Conversions

Conversions Part 2

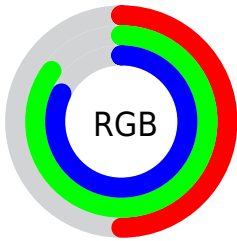
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 128, 175, 218 |
| Decimal | 8444625 |
| CIELab | 81.48, -29.06, -4.05 |
| CIELCh | 81, 29.339, 187.930 |
| Yxy | 59.3355, 0.2611, 0.3406 |
| Android (android.graphics.Color) | 4286634705 (0xFF80DAD1) |
| YUV | 190.0640, 9.3354, -54.4301 |
| Hunter-Lab | 77.0295, -29.3975, 0.5129 |

Details

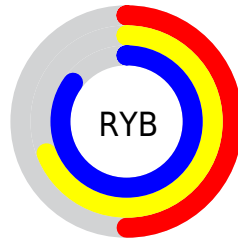
The Yxy color **59.3355, 0.2611, 0.3406** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.1561, 0.4074, 0.3183**, and the grayscale version is **51.5030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0543, 0.2726, 0.3289**, and **29.9005, 0.2480, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **57.7176, 0.2519, 0.3439**, and if you desaturate by 10%, it is **61.3227, 0.2719, 0.3375**.

Distribution



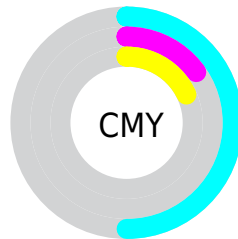
- Red (50%)
- Green (85%)
- Blue (82%)



- Red (50%)
- Yellow (69%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)





- Cyan (50%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3355, 0.2611, 0.3406 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 59.3355, 0.2611, 0.3406 by changing the saturation by 10% instead.


 59.3355, 0.2611,
0.3406


 59.3355, 0.2611,
0.3406


422.1441, 0.2856,
0.3354

 42.8833, 0.2554,
0.3418


 103.8651, 0.2697,
0.3388

 29.7935, 0.2482,
0.3432


 132.7113, 0.2730,
0.3381

 19.6819, 0.2390,
0.3449


 166.4575, 0.2759,
0.3375

 12.1640, 0.2269,
0.3470

205.4883, 0.2783,
0.3370

 6.8555, 0.2100,
0.3498

250.1879, 0.2805,
0.3365

 3.3719, 0.1852,
0.3533

300.9408, 0.2824,

 1.3288, 0.1355,

0.3361

358.1314, 0.2841,
0.3357

0.3614

0.1634, 0.0000,
0.2617

0.0000, 0.0000,
0.0000

59.3355, 0.2611,
0.3406

59.3355, 0.2611,
0.3406

57.7176, 0.2519,
0.3439

61.3227, 0.2719,
0.3375

56.4386, 0.2445,
0.3473

63.6935, 0.2839,
0.3345


55.4744, 0.2391,
0.3507


66.4701, 0.2970,
0.3318

54.7951, 0.2355,
0.3541

69.6708, 0.3109,
0.3293


 54.3647, 0.2338,
0.3576

 73.3130, 0.3252,
0.3270

 54.1389, 0.2335,
0.3605

 76.6805, 0.3370,
0.3250

 76.7980, 0.3354,
0.3228

 76.9170, 0.3339,
0.3206

 77.0376, 0.3324,
0.3185

Harmonies

Analogous

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



59.3355, 0.2917, 0.3751



59.3355, 0.2611, 0.3406



59.3355, 0.2445, 0.3049

Triad

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



59.3355, 0.2611, 0.3406



59.3355, 0.2929, 0.2716



59.3355, 0.3850, 0.3747

Complementary

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



59.3355, 0.2611, 0.3406



32.1561, 0.4074, 0.3183

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.



59.3355, 0.3862, 0.3459



59.3355, 0.2611, 0.3406



59.3355, 0.3311, 0.2886

Square

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



59.3355, 0.2611, 0.3406



59.3355, 0.2619, 0.2677



59.3355, 0.3660, 0.3151



59.3355, 0.3636, 0.3938

Rectangle

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



59.3355, 0.2611, 0.3406



59.3355, 0.2428, 0.2861



59.3355, 0.3660, 0.3151



59.3355, 0.3878, 0.3658

Sweetspot

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



59.3378, 0.2611, 0.3406



94.4561, 0.2959, 0.3320



57.0218, 0.3126, 0.4537



20.0999, 0.2942, 0.3324



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.



59.3378, 0.2611, 0.3406



82.4977, 0.2526, 0.3436



43.1125, 0.2486, 0.2799



14.8060, 0.2995, 0.3313



32.4441, 0.2333, 0.3600



2.1085, 0.2318, 0.3544

Inverse Universe

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



32.1561, 0.4074, 0.3183



38.4684, 0.4411, 0.3163



43.0203, 0.3993, 0.3727



13.0725, 0.3276, 0.3267



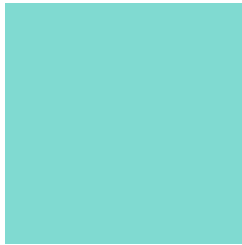
8.9714, 0.6279, 0.3233



0.5886, 0.5974, 0.3064

Previews

White Background



This preview shows how the Yxy color 59.3355, 0.2611, 0.3406 looks on a white background.

Color Contrast Check

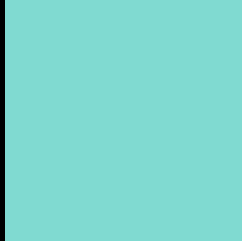
Large Text (above 18pt) WCAG AA × Fail

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 59.3355, 0.2611, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

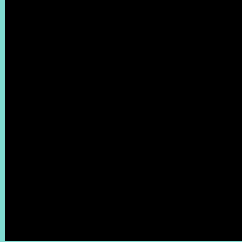
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

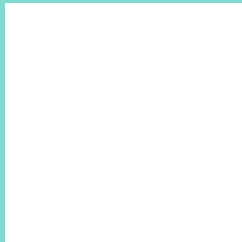
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3355, 0.2611, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 59.3355, 0.2611, 0.3406.

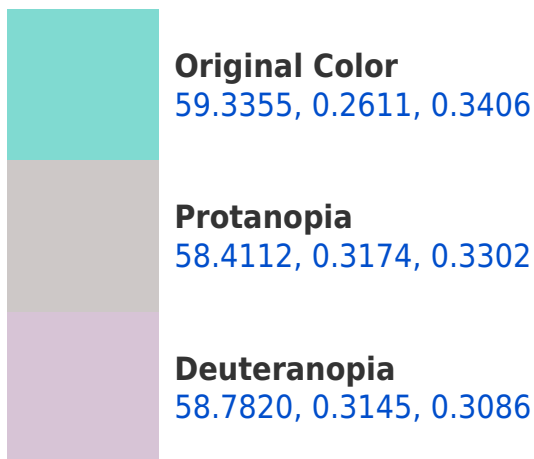


This preview shows how white text looks on a background with the Yxy color 59.3355, 0.2611, 0.3406.

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

59.4954, 0.2517, 0.3075

Trichromacy



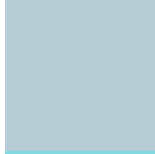
Original Color

59.3355, 0.2611, 0.3406



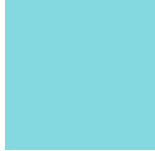
Protanomaly

58.2846, 0.2934, 0.3339



Deuteranomaly

58.0065, 0.2917, 0.3192



Tritanomaly

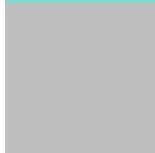
59.3991, 0.2550, 0.3187

Monochromacy



Original Color

59.3355, 0.2611, 0.3406



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.5553, 0.2900, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3355, 0.2611, 0.3406 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(128, 218, 209)` looks like.

```
.text, #text, p{  
    color:rgb(128, 218, 209)  
}
```

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(128, 218, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 218, 209) }
```

Border

The CSS property to change the border of an element to Yxy 59.3355, 0.2611, 0.3406 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(128, 218, 209) }
```

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

```
.border{ border-color:rgb(128, 218, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 218, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 218, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 218, 209);  
box-shadow:4px 4px 4px 4px rgb(128, 218,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3355, 0.2611, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 218, 209) }
```

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

```
.background{ background-color: rgb(128,  
218, 209) }
```

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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