

Converting Colors

$Y_{xy}(59.4020, 0.2613, 0.3380)$

Have a look what the booklet for
Yxy(59.4020, 0.2613, 0.3380)
contains.

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Color

Yxy(59.5918, 0.2611, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	82DAD3
RGB	130, 218, 211
RGB Percent	51%, 85%, 83%
CMY	0.4901, 0.1451, 0.1727
CMYK	0.40, 0.00, 0.03, 0.15
HSL	175°, 54%, 68%
HSV	175°, 40%, 85%
XYZ	46.0338, 59.5918, 70.6815
YIQ	190.8900, -50.2010, -20.8330

Conversions

Conversions Part 2

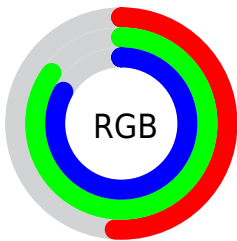
Format	Color
RYB	130, 176, 218
Decimal	8575699
CIELab	81.62, -28.10, -4.87
CIELCh	82, 28.517, 189.831
Yxy	59.5918, 0.2611, 0.3380
Android (android.graphics.Color)	4286765779 (0xFF82DAD3)
YUV	190.8900, 9.9142, -53.4005
Hunter-Lab	77.1957, -28.6484, -0.2498

Details

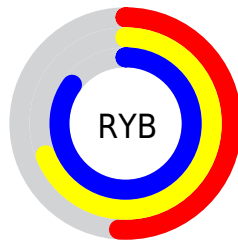
The Yxy color **59.5918, 0.2611, 0.3380** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.6849, 0.4064, 0.3207**, and the grayscale version is **51.9993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3048, 0.2736, 0.3289**, and **30.0846, 0.2483, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **57.9617, 0.2516, 0.3406**, and if you desaturate by 10%, it is **61.5928, 0.2722, 0.3355**.

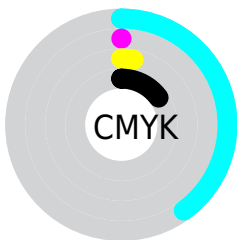
Distribution



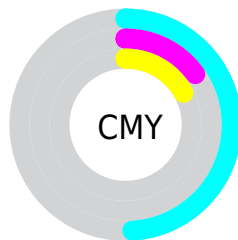
- Red (51%)
- Green (85%)
- Blue (83%)



- Red (51%)
- Yellow (69%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)





- Cyan (49%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5918, 0.2611, 0.3380 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 59.5918, 0.2611, 0.3380 by changing the saturation by 10% instead.


 59.5918, 0.2611,
0.3380


 59.5918, 0.2611,
0.3380


423.0915, 0.2855,
0.3341

 43.0897, 0.2554,
0.3388


 104.2373, 0.2697,
0.3367

 29.9555, 0.2483,
0.3398


 133.1495, 0.2730,
0.3362

 19.8048, 0.2391,
0.3410


 166.9671, 0.2758,
0.3357

 12.2532, 0.2271,
0.3425

206.0747, 0.2783,
0.3353

 6.9164, 0.2103,
0.3442

250.8565, 0.2804,
0.3349

 3.4099, 0.1858,
0.3460

301.6970, 0.2823,

 1.3493, 0.1392,

0.3346

0.3502

358.9805, 0.2840,
0.3343

■ 0.1789, 0.0000,
0.2505

■ 0.0000, 0.0000,
0.0000

■ 59.5918, 0.2611,
0.3380

■ 59.5918, 0.2611,
0.3380

■ 57.9617, 0.2516,
0.3406

■ 61.5928, 0.2722,
0.3355

■ 56.6721, 0.2439,
0.3433


■ 63.9788, 0.2846,
0.3332

■ 55.6994, 0.2381,
0.3460


■ 66.7718, 0.2980,
0.3310

■ 55.0141, 0.2343,
0.3487

■ 69.9900, 0.3122,
0.3291


 54.5808, 0.2322,
0.3514


 73.6506, 0.3269,
0.3273

 54.3418, 0.2317,
0.3540

 76.6485, 0.3374,
0.3256

 76.7422, 0.3362,
0.3239

 76.8368, 0.3349,
0.3221

 76.9325, 0.3337,
0.3204

Harmonies

Analogous

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



59.5918, 0.2902, 0.3718



59.5918, 0.2611, 0.3380



59.5918, 0.2459, 0.3037

Triad

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



59.5918, 0.2611, 0.3380



59.5918, 0.2957, 0.2739



59.5918, 0.3821, 0.3751

Complementary

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



59.5918, 0.2611, 0.3380



32.6849, 0.4064, 0.3207

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.



59.5918, 0.3845, 0.3474



59.5918, 0.2611, 0.3380



59.5918, 0.3330, 0.2911

Square

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



59.5918, 0.2611, 0.3380



59.5918, 0.2649, 0.2692



59.5918, 0.3662, 0.3174



59.5918, 0.3603, 0.3926

Rectangle

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



59.5918, 0.2611, 0.3380



59.5918, 0.2449, 0.2859



59.5918, 0.3662, 0.3174



59.5918, 0.3852, 0.3666

Sweetspot

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



59.5942, 0.2611, 0.3380



94.4946, 0.2956, 0.3314



57.1057, 0.3117, 0.4509



20.1090, 0.2938, 0.3317



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.



59.5942, 0.2611, 0.3380



83.0794, 0.2533, 0.3401



42.9979, 0.2496, 0.2791



14.8107, 0.2993, 0.3309



32.5624, 0.2316, 0.3536



2.1150, 0.2303, 0.3492

Inverse Universe

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



32.6849, 0.4064, 0.3207



39.8905, 0.4361, 0.3193



44.0391, 0.3961, 0.3735



13.0683, 0.3279, 0.3272



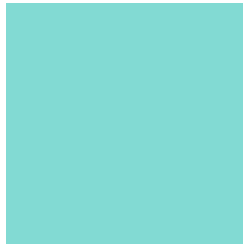
8.9613, 0.6308, 0.3249



0.5866, 0.6053, 0.3108

Previews

White Background



This preview shows how the Yxy color 59.5918, 0.2611, 0.3380 looks on a white background.

Color Contrast Check

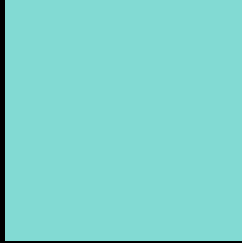
Large Text (above 18pt) WCAG AA × Fail

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 59.5918, 0.2611, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

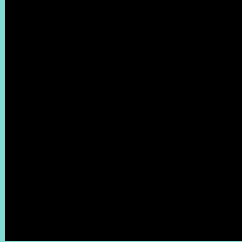
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

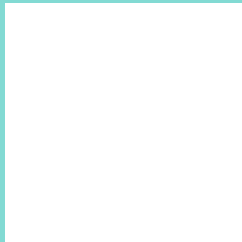
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5918, 0.2611, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 59.5918, 0.2611, 0.3380.

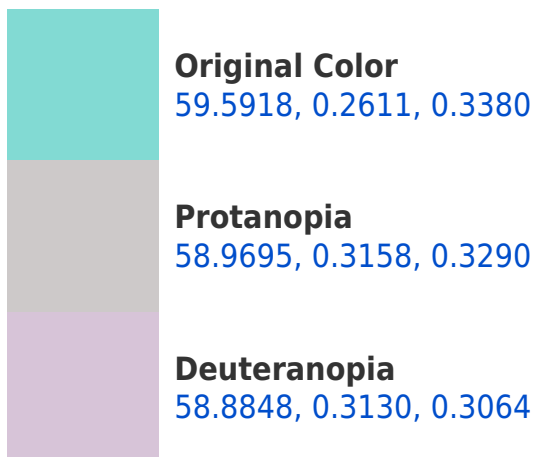


This preview shows how white text looks on a background with the Yxy color 59.5918, 0.2611, 0.3380.

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

59.6613, 0.2527, 0.3076

Trichromacy



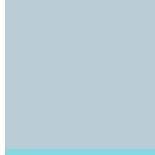
Original Color

59.5918, 0.2611, 0.3380



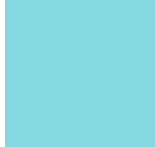
Protanomaly

58.4984, 0.2928, 0.3314



Deuteranomaly

58.2311, 0.2911, 0.3169



Tritanomaly

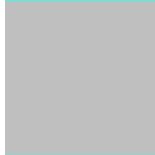
59.5619, 0.2560, 0.3187

Monochromacy



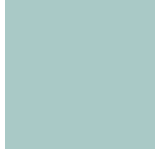
Original Color

59.5918, 0.2611, 0.3380



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.2855, 0.2908, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5918, 0.2611, 0.3380 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(130, 218, 211)` looks like.

```
.text, #text, p{  
    color:rgb(130, 218, 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(130, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 218, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.5918, 0.2611, 0.3380 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(130, 218, 211) }
```

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

```
.border{ border-color:rgb(130, 218, 211) }
```

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

Here you see how a box with a 4 pixel rgb(130, 218, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(130, 218,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5918, 0.2611, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 218, 211) }
```

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

```
.background{ background-color: rgb(130,  
218, 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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