

Converting Colors

$Yxy(48.8933, 0.2581, 0.3659)$

Have a look what the booklet for
Yxy(48.8933, 0.2581, 0.3659)
contains.

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Color

Yxy(48.8733, 0.2579, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	5FCCB3
RGB	95, 204, 179
RGB Percent	37%, 80%, 70%
CMY	0.6274, 0.2000, 0.2982
CMYK	0.53, 0.00, 0.12, 0.20
HSL	166°, 52%, 59%
HSV	166°, 53%, 80%
XYZ	34.4477, 48.8733, 50.2491
YIQ	168.5590, -56.9390, -30.8830

Conversions

Conversions Part 2

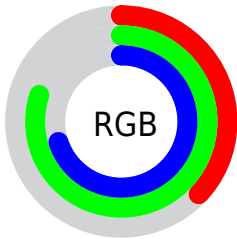
Format	Color
RYB	95, 157, 204
Decimal	6278323
CIELab	75.37, -37.36, 2.98
CIELCh	75, 37.478, 175.435
Yxy	48.8733, 0.2579, 0.3659
Android (android.graphics.Color)	4284468403 (0xFF5FCCB3)
YUV	168.5590, 5.1474, -64.5112
Hunter-Lab	69.9094, -34.3860, 6.3205

Details

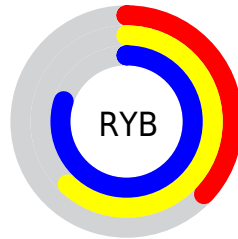
The Yxy color **48.8733, 0.2579, 0.3659** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **22.3838, 0.4309, 0.2978**, and the grayscale version is **39.4448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2905, 0.2666, 0.3517**, and **23.2343, 0.2428, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **47.7354, 0.2519, 0.3742**, and if you desaturate by 10%, it is **50.3075, 0.2656, 0.3579**.

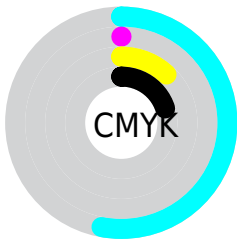
Distribution



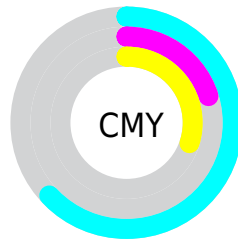
- Red (37%)
- Green (80%)
- Blue (70%)



- Red (37%)
- Yellow (62%)
- Blue (80%)



- Cyan (53%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)




- Cyan (63%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8733, 0.2579, 0.3659 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 48.8733, 0.2579, 0.3659 by changing the saturation by 10% instead.

 48.8733, 0.2579,
0.3659

 48.8733, 0.2579,
0.3659

382.2433, 0.2851,
0.3474

 34.5190, 0.2512,
0.3705


 88.5032, 0.2677,
0.3592


 23.2926, 0.2427,
0.3765


 114.5477, 0.2714,
0.3566

 14.8097, 0.2314,
0.3844


 145.2576, 0.2746,
0.3545

 8.6859, 0.2159,
0.3955

 181.0174, 0.2773,
0.3527

 4.5369, 0.1934,
0.4120

222.2115, 0.2796,
0.3511

 1.9782, 0.1568,
0.4395

269.2242, 0.2816,

 0.5948, 0.0000,

0.3497

0.5753

322.4400, 0.2835,
0.3485

■ 0.0000, 0.0000,
0.0000

■ 48.8733, 0.2579,
0.3659

■ 48.8733, 0.2579,
0.3659

■ 47.7354, 0.2519,
0.3742

■ 50.3075, 0.2656,
0.3579

■ 46.8652, 0.2477,
0.3826

■ 52.0527, 0.2749,
0.3504

■ 46.2381, 0.2456,
0.3911

■ 54.1294, 0.2853,
0.3433

■ 45.8225, 0.2453,
0.3996

■ 56.5547, 0.2966,
0.3368

■ 45.6269, 0.2459,
0.4051

■ 59.3445, 0.3085,
0.3309

■ 62.5138, 0.3208,
0.3255

■ 66.0766, 0.3333,
0.3208

■ 69.4293, 0.3431,
0.3164

■ 69.6759, 0.3396,
0.3117

Harmonies

Analogous

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



48.8733, 0.3038, 0.4084



48.8733, 0.2579, 0.3659



48.8733, 0.2280, 0.3141

Triad

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



48.8733, 0.2579, 0.3659



48.8733, 0.2664, 0.2485



48.8733, 0.4154, 0.3733

Complementary

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



48.8733, 0.2579, 0.3659



22.3838, 0.4309, 0.2978

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.



48.8733, 0.4050, 0.3328



48.8733, 0.2579, 0.3659



48.8733, 0.3150, 0.2643

Square

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



48.8733, 0.2579, 0.3659



48.8733, 0.2328, 0.2506



48.8733, 0.3670, 0.2942



48.8733, 0.3959, 0.4072

Rectangle

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



48.8733, 0.2579, 0.3659



48.8733, 0.2198, 0.2846



48.8733, 0.3670, 0.2942



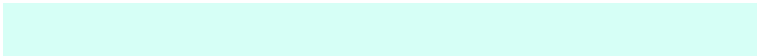
48.8733, 0.4154, 0.3600

Sweetspot

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



48.8752, 0.2579, 0.3659



92.4772, 0.2934, 0.3386



48.0397, 0.3213, 0.4904



19.6116, 0.2910, 0.3399



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.



48.8752, 0.2579, 0.3659



78.8215, 0.2512, 0.3753



37.4314, 0.2360, 0.2855



12.6812, 0.3014, 0.3344



28.7316, 0.2455, 0.4039



1.4933, 0.2410, 0.3875

Inverse Universe

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



22.3838, 0.4309, 0.2978



30.4723, 0.4730, 0.2939



28.1009, 0.4455, 0.3662



11.2552, 0.3255, 0.3237



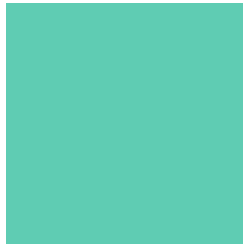
8.2204, 0.5973, 0.3064



0.4361, 0.5408, 0.2753

Previews

White Background



This preview shows how the Yxy color 48.8733, 0.2579, 0.3659 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 48.8733, 0.2579, 0.3659 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

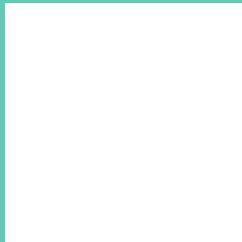
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8733, 0.2579, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 48.8733, 0.2579, 0.3659.

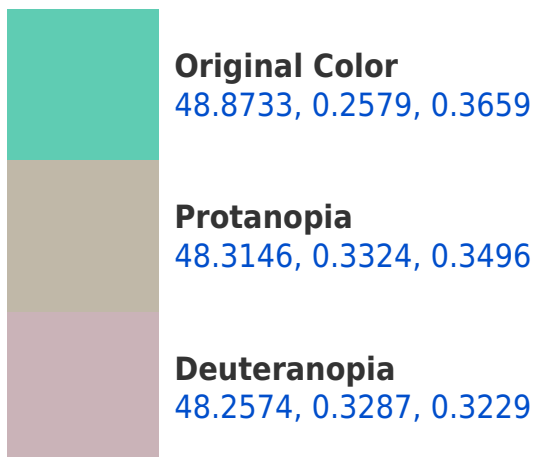


This preview shows how white text looks on a background with the Yxy color 48.8733, 0.2579, 0.3659.

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

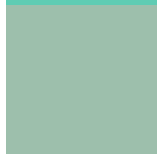
48.8789, 0.2432, 0.3068

Trichromacy



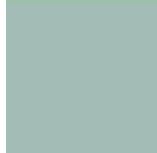
Original Color

48.8733, 0.2579, 0.3659



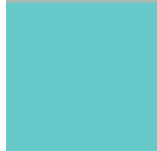
Protanomaly

47.4083, 0.2996, 0.3552



Deuteranomaly

47.1304, 0.2970, 0.3371



Tritanomaly

48.9211, 0.2486, 0.3274

Monochromacy



Original Color

48.8733, 0.2579, 0.3659



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

42.2238, 0.2869, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8733, 0.2579, 0.3659 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(95, 204, 179)` looks like.

```
.text, #text, p{  
    color:rgb(95, 204, 179)  
}
```

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(95, 204, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 204, 179) }
```

Border

The CSS property to change the border of an element to Yxy 48.8733, 0.2579, 0.3659 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(95, 204, 179) }
```

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

```
.border{ border-color:rgb(95, 204, 179) }
```

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

Here you see how a box with a 4 pixel rgb(95, 204, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 204, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 204, 179);  
box-shadow:4px 4px 4px 4px rgb(95, 204,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8733, 0.2579, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 204, 179) }
```

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

```
.background{ background-color: rgb(95, 204,  
179) }
```

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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