

Converting Colors

Yxy(51.9694, 0.2617, 0.3808)

Have a look what the booklet for
Yxy(51.9694, 0.2617, 0.3808)
contains.

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Color

Yxy(52.1166, 0.2617, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	5FD3AF
RGB	95, 211, 175
RGB Percent	37%, 83%, 69%
CMY	0.6275, 0.1725, 0.3136
CMYK	0.55, 0.00, 0.17, 0.17
HSL	161°, 57%, 60%
HSV	161°, 55%, 83%
XYZ	35.7508, 52.1166, 48.7423
YIQ	172.2120, -57.5800, -35.7880

Conversions

Conversions Part 2

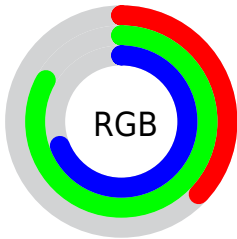
Format	Color
RYB	95, 164, 211
Decimal	6280111
CIELab	77.35, -41.45, 7.95
CIELCh	77, 42.202, 169.137
Yxy	52.1166, 0.2617, 0.3815
Android (android.graphics.Color)	4284470191 (0xFF5FD3AF)
YUV	172.2120, 1.3745, -67.7149
Hunter-Lab	72.1918, -37.9391, 10.5030

Details

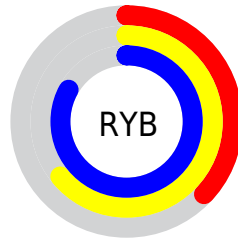
The Yxy color **52.1166, 0.2617, 0.3815** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **23.6673, 0.4228, 0.2855**, and the grayscale version is **41.3810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1595, 0.2689, 0.3564**, and **25.4012, 0.2473, 0.3966** is the 20% darker color. If you saturate the color by 10%, you get **50.8870, 0.2566, 0.3931**, and if you desaturate by 10%, it is **53.6688, 0.2685, 0.3704**.

Distribution



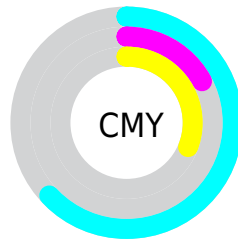
- Red (37%)
- Green (83%)
- Blue (69%)



- Red (37%)
- Yellow (64%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)





- Cyan (63%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1166, 0.2617, 0.3815 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 52.1166, 0.2617, 0.3815 by changing the saturation by 10% instead.


 52.1166, 0.2617,
0.3815

 52.1166, 0.2617,
0.3815


394.8866, 0.2870,
0.3549


 37.0980, 0.2555,
0.3882


 93.3032, 0.2709,
0.3718

 25.2834, 0.2475,
0.3969


 120.2400, 0.2743,
0.3682

 16.2883, 0.2370,
0.4085


 151.9183, 0.2772,
0.3651

 9.7284, 0.2225,
0.4249

 188.7225, 0.2797,
0.3625

 5.2193, 0.2013,
0.4495

231.0371, 0.2819,
0.3602

 2.3765, 0.1680,
0.4904

279.2463, 0.2838,

 0.8137, 0.0000,

0.3582

0.7115

333.7347, 0.2855,
0.3565

■ 0.0000, 0.0000,
0.0000

■ 52.1166, 0.2617,
0.3815

■ 52.1166, 0.2617,
0.3815

■ 50.8870, 0.2566,
0.3931

■ 53.6688, 0.2685,
0.3704

■ 49.9482, 0.2535,
0.4049

■ 55.5600, 0.2767,
0.3598

■ 49.2727, 0.2523,
0.4168

■ 57.8128, 0.2861,
0.3500

■ 48.8244, 0.2531,
0.4285

■ 60.4462, 0.2964,
0.3410

■ 48.6530, 0.2540,
0.4344

■ 63.4777, 0.3072,
0.3328

■ 66.9239, 0.3183,
0.3254

■ 70.8001, 0.3295,
0.3188

■ 73.4178, 0.3341,
0.3126

■ 73.7868, 0.3294,
0.3062

Harmonies

Analogous

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



52.1166, 0.3142, 0.4236



52.1166, 0.2617, 0.3815



52.1166, 0.2250, 0.3237

Triad

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



52.1166, 0.2617, 0.3815



52.1166, 0.2524, 0.2400



52.1166, 0.4263, 0.3675

Complementary

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



52.1166, 0.2617, 0.3815



23.6673, 0.4228, 0.2855

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.



52.1166, 0.4079, 0.3233



52.1166, 0.2617, 0.3815



52.1166, 0.3029, 0.2534

Square

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



52.1166, 0.2617, 0.3815



52.1166, 0.2205, 0.2463



52.1166, 0.3609, 0.2830



52.1166, 0.4108, 0.4076

Rectangle

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



52.1166, 0.2617, 0.3815



52.1166, 0.2129, 0.2890



52.1166, 0.3609, 0.2830



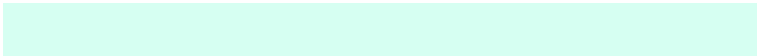
52.1166, 0.4240, 0.3528

Sweetspot

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



52.1187, 0.2617, 0.3815



92.2779, 0.2951, 0.3420



52.2998, 0.3279, 0.4924



19.5638, 0.2930, 0.3439



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.



52.1187, 0.2617, 0.3815



77.8343, 0.2559, 0.3951



43.8464, 0.2370, 0.2984



13.3421, 0.3024, 0.3363



29.3796, 0.2535, 0.4326



1.6566, 0.2476, 0.4112

Inverse Universe

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



23.6673, 0.4228, 0.2855



29.8889, 0.4617, 0.2801



27.2234, 0.4593, 0.3552



11.8678, 0.3242, 0.3218



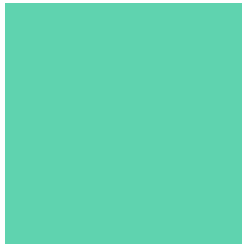
8.6075, 0.5709, 0.2919



0.4955, 0.5181, 0.2628

Previews

White Background



This preview shows how the Yxy color 52.1166, 0.2617, 0.3815 looks on a white background.

Color Contrast Check

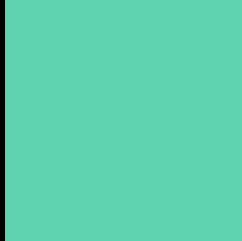
Large Text (above 18pt) WCAG AA × Fail

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 52.1166, 0.2617, 0.3815 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

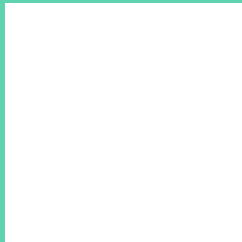
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1166, 0.2617, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 52.1166, 0.2617, 0.3815.

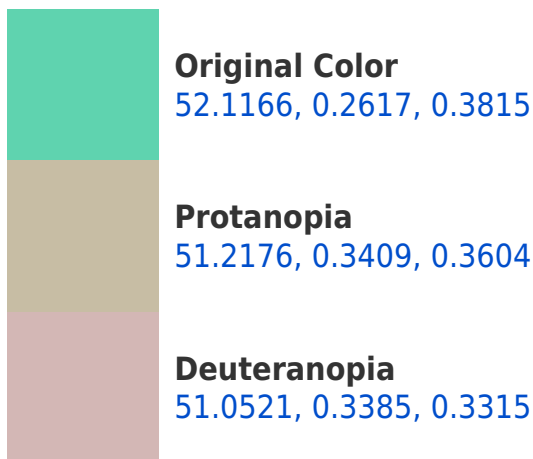


This preview shows how white text looks on a background with the Yxy color 52.1166, 0.2617, 0.3815.

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

52.1981, 0.2433, 0.3074

Trichromacy



Original Color

52.1166, 0.2617, 0.3815



Protanomaly

50.3367, 0.3054, 0.3684



Deuteranomaly

49.8296, 0.3039, 0.3476



Tritanomaly

51.9885, 0.2500, 0.3330

Monochromacy



Original Color

52.1166, 0.2617, 0.3815



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

44.0642, 0.2887, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1166, 0.2617, 0.3815 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, 211, 175)` looks like.

```
.text, #text, p{  
    color:rgb(95, 211, 175)  
}
```

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, 211, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 211, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.1166, 0.2617, 0.3815 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, 211, 175) }
```

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

```
.border{ border-color:rgb(95, 211, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 211, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 211, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 211, 175);  
box-shadow:4px 4px 4px 4px rgb(95, 211,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1166, 0.2617, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 211, 175) }
```

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

```
.background{ background-color: rgb(95, 211,  
175) }
```

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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