

Converting Colors

$Yxy(43.9922, 0.2879, 0.4411)$

Have a look what the booklet for
Yxy(43.9922, 0.2879, 0.4411)
contains.

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Color

Yxy(44.0062, 0.2879, 0.4410)

Conversions

Conversions Part 1

Format	Color
Hex	61C57F
RGB	97, 197, 127
RGB Percent	38%, 77%, 50%
CMY	0.6195, 0.2274, 0.5020
CMYK	0.51, 0.00, 0.36, 0.23
HSL	138°, 46%, 58%
HSV	138°, 51%, 77%
XYZ	28.7288, 44.0062, 27.0523
YIQ	159.1200, -37.1300, -42.9700

Conversions

Conversions Part 2

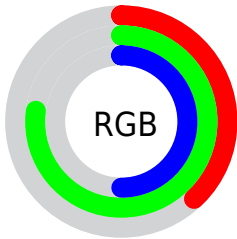
Format	Color
RYB	97, 174, 197
Decimal	6407551
CIELab	72.23, -44.76, 26.39
CIELCh	72, 51.961, 149.473
Yxy	44.0062, 0.2879, 0.4410
Android (android.graphics.Color)	4284597631 (0xFF61C57F)
YUV	159.1200, -15.8352, -54.4792
Hunter-Lab	66.3372, -38.7867, 22.2575

Details

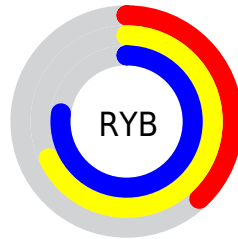
The Yxy color **44.0062, 0.2879, 0.4410** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **23.2189, 0.3543, 0.2400**, and the grayscale version is **34.8196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9512, 0.2935, 0.4182**, and **20.2569, 0.2775, 0.4788** is the 20% darker color. If you saturate the color by 10%, you get **42.7210, 0.2852, 0.4678**, and if you desaturate by 10%, it is **45.6131, 0.2917, 0.4150**.

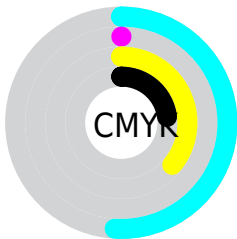
Distribution



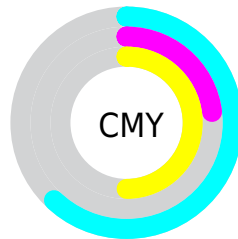
- Red (38%)
- Green (77%)
- Blue (50%)



- Red (38%)
- Yellow (68%)
- Blue (77%)



- Cyan (51%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)




- Cyan (62%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0062, 0.2879, 0.4410 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 44.0062, 0.2879, 0.4410 by changing the saturation by 10% instead.


 44.0062, 0.2879,
0.4410


 44.0062, 0.2879,
0.4410


362.7336, 0.3024,
0.3809


 30.6754, 0.2836,
0.4573


 81.2271, 0.2937,
0.4182

 20.3518, 0.2775,
0.4791


 105.8859, 0.2957,
0.4099

 12.6510, 0.2686,
0.5093


 135.0896, 0.2973,
0.4030

 7.1887, 0.2544,
0.5538

 169.2224, 0.2987,
0.3972

 3.5804, 0.2295,
0.6248

208.6688, 0.2998,
0.3922

 1.4417, 0.1189,
0.8811

253.8132, 0.3008,

 0.2472, 0.0000,

0.3879

1.0000

305.0400, 0.3016,
0.3842

0.0000, 0.0000,
0.0000

44.0062, 0.2879,
0.4410

44.0062, 0.2879,
0.4410

42.7210, 0.2852,
0.4678

45.6131, 0.2917,
0.4150

41.7296, 0.2840,
0.4945

47.5562, 0.2963,
0.3907

41.0088, 0.2843,
0.5198

49.8557, 0.3015,
0.3683

40.5287, 0.2862,
0.5425

52.5287, 0.3068,
0.3482

40.2485, 0.2890,
0.5604

55.5911, 0.3123,
0.3302

■ 59.0578, 0.3177,
0.3145

■ 62.9431, 0.3229,
0.3007

■ 67.2604, 0.3279,
0.2886

■ 68.1684, 0.3181,
0.2757

Harmonies

Analogous

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



44.0062, 0.3589, 0.4653



44.0062, 0.2879, 0.4410



44.0062, 0.2274, 0.3717

Triad

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



44.0062, 0.2879, 0.4410



44.0062, 0.2069, 0.2185



44.0062, 0.4501, 0.3380

Complementary

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



44.0062, 0.2879, 0.4410



23.2189, 0.3543, 0.2400

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.



44.0062, 0.3994, 0.2861



44.0062, 0.2879, 0.4410



44.0062, 0.2549, 0.2206

Square

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



44.0062, 0.2879, 0.4410



44.0062, 0.1856, 0.2423



44.0062, 0.3247, 0.2447



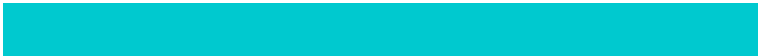
44.0062, 0.4567, 0.3929

Rectangle

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



44.0062, 0.2879, 0.4410



44.0062, 0.2006, 0.3192



44.0062, 0.3247, 0.2447



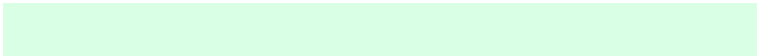
44.0062, 0.4375, 0.3200

Sweetspot

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



44.0080, 0.2879, 0.4410



91.8465, 0.3044, 0.3569



49.1958, 0.3611, 0.4623



19.4414, 0.3033, 0.3613



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.



44.0080, 0.2879, 0.4410



76.2749, 0.2850, 0.4710



45.5847, 0.2592, 0.3616



11.9393, 0.3076, 0.3456



26.4863, 0.2884, 0.5581



1.2671, 0.2762, 0.5143

Inverse Universe

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



23.2189, 0.3543, 0.2400



34.8431, 0.3673, 0.2238



21.7515, 0.4234, 0.3008



10.7604, 0.3182, 0.3130



9.0296, 0.4134, 0.2051



0.4399, 0.3897, 0.1921

Previews

White Background



This preview shows how the Yxy color 44.0062, 0.2879, 0.4410 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 44.0062, 0.2879, 0.4410 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 44.0062, 0.2879, 0.4410

Background



This preview shows how black text looks on a background with the Yxy color 44.0062, 0.2879, 0.4410.



This preview shows how white text looks on a background with the Yxy color 44.0062, 0.2879, 0.4410.

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

44.0062, 0.2879, 0.4410

Protanopia

43.4350, 0.3761, 0.4055

Deuteranopia

43.3348, 0.3816, 0.3745



Tritanopia

43.9912, 0.2514, 0.3075

Trichromacy



Original Color

44.0062, 0.2879, 0.4410



Protanomaly

42.8296, 0.3387, 0.4205



Deuteranomaly

42.0944, 0.3413, 0.3973



Tritanomaly

43.6080, 0.2645, 0.3530

Monochromacy



Original Color

44.0062, 0.2879, 0.4410



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

37.2280, 0.3013, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0062, 0.2879, 0.4410 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(97, 197, 127)` looks like.

```
.text, #text, p{  
  color:rgb(97, 197, 127)  
}
```

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(97, 197, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 197, 127) }
```

Border

The CSS property to change the border of an element to Yxy 44.0062, 0.2879, 0.4410 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(97, 197, 127) }
```

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

```
.border{ border-color:rgb(97, 197, 127) }
```

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

Here you see how a box with a 4 pixel rgb(97, 197, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 197, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 197, 127);  
box-shadow:4px 4px 4px 4px rgb(97, 197,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0062, 0.2879, 0.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 197, 127) }
```

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

```
.background{ background-color: rgb(97, 197,  
127) }
```

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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