

Converting Colors

$Yxy(48.5514, 0.2883, 0.3314)$

Have a look what the booklet for
Yxy(48.5514, 0.2883, 0.3314)
contains.

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Color

Yxy(48.7879, 0.2885, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	9FC0BE
RGB	159, 192, 190
RGB Percent	62%, 75%, 75%
CMY	0.3763, 0.2471, 0.2549
CMYK	0.17, 0.00, 0.01, 0.25
HSL	176°, 21%, 69%
HSV	176°, 17%, 75%
XYZ	42.4467, 48.7879, 55.8942
YIQ	181.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

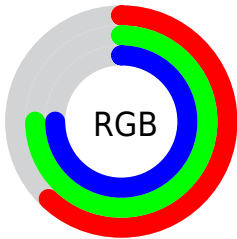
Format	Color
RYB	159, 176, 192
Decimal	10469566
CIELab	75.32, -11.43, -2.69
CIElCh	75, 11.747, 193.252
Yxy	48.7879, 0.2885, 0.3316
Android (android.graphics.Color)	4288659646 (0xFF9FC0BE)
YUV	181.9050, 3.9908, -20.0877
Hunter-Lab	69.8483, -13.7606, 1.4486

Details

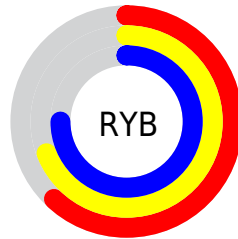
The Yxy color **48.7879, 0.2885, 0.3316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5885, 0.3433, 0.3264**, and the grayscale version is **46.7144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0848, 0.2929, 0.3310**, and **23.1089, 0.2815, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **46.9259, 0.2756, 0.3333**, and if you desaturate by 10%, it is **50.9592, 0.3024, 0.3300**.

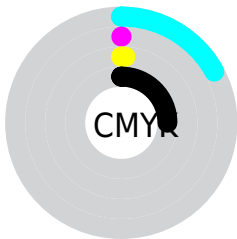
Distribution



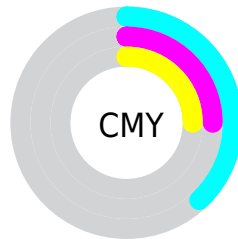
- Red (62%)
- Green (75%)
- Blue (75%)



- Red (62%)
- Yellow (69%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)




- Cyan (38%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7879, 0.2885, 0.3316 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 48.7879, 0.2885, 0.3316 by changing the saturation by 10% instead.

 48.7879, 0.2885,
0.3316


 48.7879, 0.2885,
0.3316


381.9067, 0.3005,
0.3304

 34.4513, 0.2856,
0.3319


 88.3764, 0.2928,
0.3312

 23.2405, 0.2818,
0.3322


 114.3970, 0.2944,
0.3310

 14.7712, 0.2769,
0.3326

145.0810, 0.2958,
0.3309

 8.6590, 0.2700,
0.3331

180.8129, 0.2970,
0.3308

 4.5194, 0.2600,
0.3338

221.9770, 0.2980,
0.3307

 1.9681, 0.2439,
0.3346

268.9578, 0.2989,

 0.5889, 0.1652,

0.3306

0.3466

322.1395, 0.2997,
0.3305

0.0000, 0.0000,
0.0000

48.7879, 0.2885,
0.3316

48.7879, 0.2885,
0.3316

46.9259, 0.2756,
0.3333

50.9592, 0.3024,
0.3300

45.3532, 0.2640,
0.3351

53.4470, 0.3169,
0.3286

44.0566, 0.2538,
0.3370

56.2655, 0.3318,
0.3273

43.0197, 0.2454,
0.3390

59.4265, 0.3469,
0.3262

42.2242, 0.2388,
0.3410

62.9349, 0.3619,
0.3252

■ 41.6494, 0.2341,
0.3430

■ 62.9880, 0.3609,
0.3240

■ 41.2714, 0.2313,
0.3450

■ 63.0415, 0.3599,
0.3228

■ 41.0566, 0.2301,
0.3470

■ 63.0954, 0.3590,
0.3216

■ 41.0080, 0.2299,
0.3475

■ 63.1497, 0.3580,
0.3204

Harmonies

Analogous

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



48.7879, 0.3013, 0.3459



48.7879, 0.2885, 0.3316



48.7879, 0.2821, 0.3170

Triad

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



48.7879, 0.2885, 0.3316



48.7879, 0.3073, 0.3043



48.7879, 0.3425, 0.3513

Complementary

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



48.7879, 0.2885, 0.3316



38.5885, 0.3433, 0.3264

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.



48.7879, 0.3444, 0.3397



48.7879, 0.2885, 0.3316



48.7879, 0.3237, 0.3130

Square

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



48.7879, 0.2885, 0.3316



48.7879, 0.2927, 0.3018



48.7879, 0.3374, 0.3258



48.7879, 0.3326, 0.3572

Rectangle

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



48.7879, 0.2885, 0.3316



48.7879, 0.2822, 0.3092



48.7879, 0.3374, 0.3258



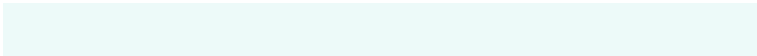
48.7879, 0.3441, 0.3479

Sweetspot

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



48.7899, 0.2885, 0.3316



93.2319, 0.3053, 0.3297



47.8033, 0.3123, 0.3746



19.9358, 0.3043, 0.3298



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.7899, 0.2885, 0.3316



86.9345, 0.2830, 0.3323



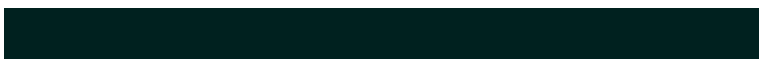
42.9068, 0.2862, 0.3095



11.4176, 0.2992, 0.3304



27.5993, 0.2298, 0.3473



1.1957, 0.2286, 0.3428

Inverse Universe

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



38.5885, 0.3433, 0.3264



64.6277, 0.3526, 0.3258



43.7197, 0.3421, 0.3478



10.0876, 0.3280, 0.3276



7.5621, 0.6326, 0.3258



0.3302, 0.6062, 0.3113

Previews

White Background



This preview shows how the Yxy color 48.7879, 0.2885, 0.3316 looks on a white background.

Color Contrast Check

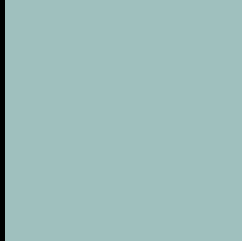
Large Text (above 18pt) WCAG AA × Fail

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 48.7879, 0.2885, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

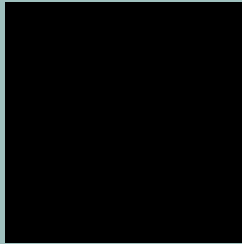
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

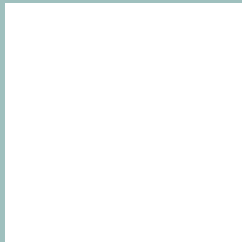
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7879, 0.2885, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 48.7879, 0.2885, 0.3316.

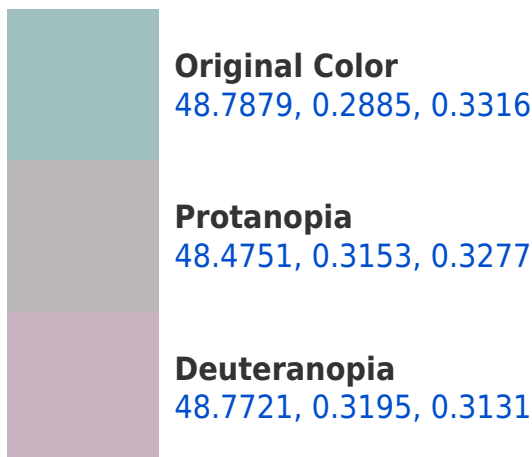


This preview shows how white text looks on a background with the Yxy color 48.7879, 0.2885, 0.3316.

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

48.9161, 0.2804, 0.3094

Trichromacy



Original Color

48.7879, 0.2885, 0.3316

Protanomaly

48.4756, 0.3045, 0.3290

Deuteranomaly

48.4010, 0.3074, 0.3188

Tritanomaly

49.0088, 0.2831, 0.3171

Monochromacy



Original Color

48.7879, 0.2885, 0.3316

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.6193, 0.3036, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7879, 0.2885, 0.3316 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(159, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 190)  
}
```

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(159, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.7879, 0.2885, 0.3316 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(159, 192, 190) }
```

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

```
.border{ border-color:rgb(159, 192, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 192, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(159, 192,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7879, 0.2885, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 192, 190) }
```

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

```
.background{ background-color: rgb(159,  
192, 190) }
```

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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