

Converting Colors

$Yxy(47.9201, 0.2875, 0.3167)$

Have a look what the booklet for
Yxy(47.9201, 0.2875, 0.3167)
contains.

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Color

Yxy(47.9970, 0.2879, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	A5BCC5
RGB	165, 188, 197
RGB Percent	65%, 74%, 77%
CMY	0.3530, 0.2627, 0.2275
CMYK	0.16, 0.05, 0.00, 0.23
HSL	197°, 22%, 71%
HSV	197°, 16%, 77%
XYZ	43.5772, 47.9970, 59.7881
YIQ	182.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

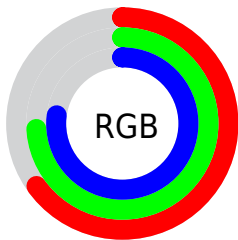
Format	Color
RYB	165, 178, 197
Decimal	10861765
CIELab	74.82, -5.93, -7.18
CIELCh	75, 9.316, 230.453
Yxy	47.9970, 0.2879, 0.3171
Android (android.graphics.Color)	4289051845 (0xFFA5BCC5)
YUV	182.1490, 7.3215, -15.0397
Hunter-Lab	69.2799, -8.9628, -2.6710

Details

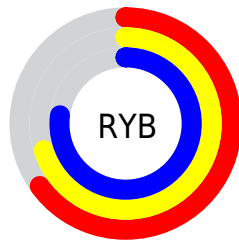
The Yxy color **47.9970, 0.2879, 0.3171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8541, 0.3413, 0.3406**, and the grayscale version is **46.8312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0728, 0.2919, 0.3187**, and **22.8218, 0.2816, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **43.7268, 0.2729, 0.3088**, and if you desaturate by 10%, it is **52.6872, 0.3032, 0.3247**.

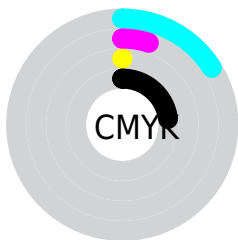
Distribution



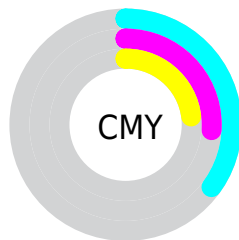
- Red (65%)
- Green (74%)
- Blue (77%)



- Red (65%)
- Yellow (70%)
- Blue (77%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)





- Cyan (35%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9970, 0.2879, 0.3171 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 47.9970, 0.2879, 0.3171 by changing the saturation by 10% instead.

 47.9970, 0.2879,
0.3171


 47.9970, 0.2879,
0.3171


378.7802, 0.3002,
0.3231

 33.8245, 0.2849,
0.3156


 87.1999, 0.2923,
0.3193

 22.7588, 0.2810,
0.3136


 112.9992, 0.2940,
0.3201

 14.4155, 0.2760,
0.3110


143.4428, 0.2954,
0.3208

 8.4102, 0.2690,
0.3073

178.9152, 0.2966,
0.3214

 4.3585, 0.2587,
0.3017

219.8007, 0.2977,
0.3219

 1.8761, 0.2422,
0.2923

266.4838, 0.2986,

 0.5339, 0.1827,

0.3224

0.2690

319.3488, 0.2994,
0.3228

0.0000, 0.0000,
0.0000

47.9970, 0.2879,
0.3171

47.9970, 0.2879,
0.3171

43.7268, 0.2729,
0.3088

52.6872, 0.3032,
0.3247

39.8549, 0.2583,
0.2999

57.8064, 0.3184,
0.3315

36.3663, 0.2447,
0.2904

63.3706, 0.3334,
0.3376

33.2423, 0.2323,
0.2804

69.3932, 0.3480,
0.3430

30.4629, 0.2214,
0.2700

74.2397, 0.3555,
0.3482

■ 28.0050, 0.2124,
0.2594

■ 77.1184, 0.3543,
0.3538

■ 25.8425, 0.2053,
0.2488

■ 80.0935, 0.3531,
0.3593

■ 23.9419, 0.2002,
0.2384

■ 83.1660, 0.3519,
0.3647

■ 23.2716, 0.1985,
0.2345

■ 86.3366, 0.3507,
0.3700

Harmonies

Analogous

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



47.9970, 0.2916, 0.3283



47.9970, 0.2879, 0.3171



47.9970, 0.2907, 0.3095

Triad

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



47.9970, 0.2879, 0.3171



47.9970, 0.3245, 0.3184



47.9970, 0.3260, 0.3517

Complementary

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



47.9970, 0.2879, 0.3171



44.8541, 0.3413, 0.3406

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.



47.9970, 0.3351, 0.3484



47.9970, 0.2879, 0.3171



47.9970, 0.3343, 0.3292

Square

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



47.9970, 0.2879, 0.3171



47.9970, 0.3116, 0.3105



47.9970, 0.3382, 0.3401



47.9970, 0.3134, 0.3486

Rectangle

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



47.9970, 0.2879, 0.3171



47.9970, 0.2959, 0.3073



47.9970, 0.3382, 0.3401



47.9970, 0.3296, 0.3513

Sweetspot

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



47.9990, 0.2879, 0.3171



95.3970, 0.3050, 0.3255



50.9678, 0.3046, 0.3604



20.2839, 0.3039, 0.3250



0.0000, 0.0000, 0.0000



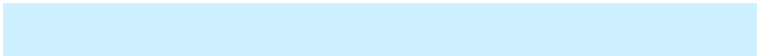
21.4041, 0.3127, 0.3290

Same Dimension

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



47.9990, 0.2879, 0.3171



83.5604, 0.2833, 0.3147



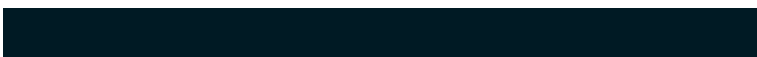
41.7121, 0.2870, 0.2961



11.5443, 0.2984, 0.3224



15.4545, 0.1989, 0.2359



0.8498, 0.2049, 0.2576

Inverse Universe

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



42.4103, 0.3223, 0.3001



72.0419, 0.3244, 0.2945



51.2101, 0.3383, 0.3599



10.7638, 0.3180, 0.3125



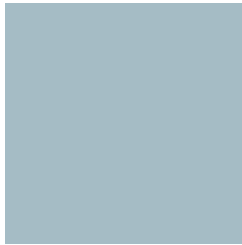
9.1001, 0.4066, 0.2013



0.4428, 0.3848, 0.1893

Previews

White Background



This preview shows how the Yxy color 47.9970, 0.2879, 0.3171 looks on a white background.

Color Contrast Check

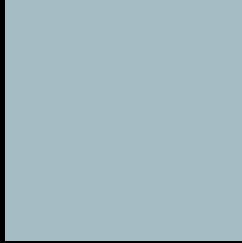
Large Text (above 18pt) WCAG AA × Fail

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 47.9970, 0.2879, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

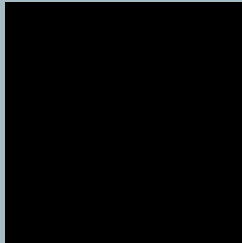
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

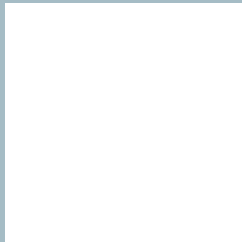
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9970, 0.2879, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 47.9970, 0.2879, 0.3171.

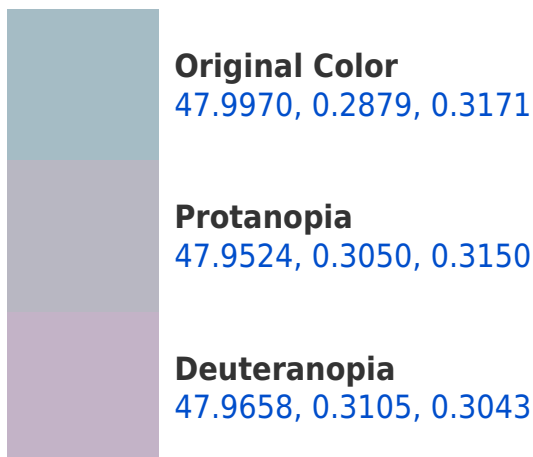


This preview shows how white text looks on a background with the Yxy color 47.9970, 0.2879, 0.3171.

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

47.9119, 0.2851, 0.3094

Trichromacy



Original Color

47.9970, 0.2879, 0.3171

Protanomaly

47.9852, 0.2986, 0.3161

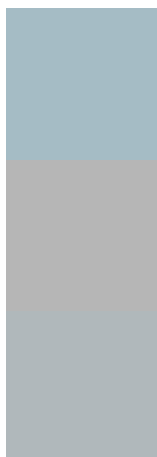
Deuteranomaly

47.7235, 0.3020, 0.3087

Tritanomaly

47.8178, 0.2865, 0.3119

Monochromacy



Original Color

47.9970, 0.2879, 0.3171

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0989, 0.3038, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9970, 0.2879, 0.3171 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(165, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(165, 188, 197)  
}
```

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(165, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 188, 197) }
```

Border

The CSS property to change the border of an element to Yxy 47.9970, 0.2879, 0.3171 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(165, 188, 197) }
```

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

```
.border{ border-color:rgb(165, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(165, 188,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9970, 0.2879, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 188, 197) }
```

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

```
.background{ background-color: rgb(165,  
188, 197) }
```

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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