

Converting Colors

$Yxy(58.6232, 0.2824, 0.3181)$

Have a look what the booklet for
Yxy(58.6232, 0.2824, 0.3181)
contains.

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Color

Yxy(58.4678, 0.2824, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	ADCFD8
RGB	173, 207, 216
RGB Percent	68%, 81%, 85%
CMY	0.3216, 0.1882, 0.1529
CMYK	0.20, 0.04, 0.00, 0.15
HSL	193°, 36%, 76%
HSV	193°, 20%, 85%
XYZ	51.9387, 58.4678, 73.5124
YIQ	197.8600, -23.1530, -4.4090

Conversions

Conversions Part 2

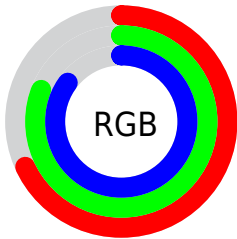
Format	Color
RYB	173, 192, 216
Decimal	11390936
CIELab	81.00, -9.32, -8.22
CIELCh	81, 12.422, 221.404
Yxy	58.4678, 0.2824, 0.3179
Android (android.graphics.Color)	4289581016 (0xFFADCFD8)
YUV	197.8600, 8.9430, -21.8022
Hunter-Lab	76.4642, -12.5655, -3.4762

Details

The Yxy color **58.4678, 0.2824, 0.3179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0635, 0.3500, 0.3398**, and the grayscale version is **56.3377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **29.3487, 0.2751, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **54.0468, 0.2679, 0.3116**, and if you desaturate by 10%, it is **63.3542, 0.2975, 0.3237**.

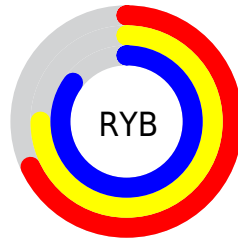
Distribution



Red (68%)

Green (81%)

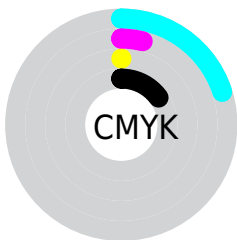
Blue (85%)



Red (68%)

Yellow (75%)

Blue (85%)

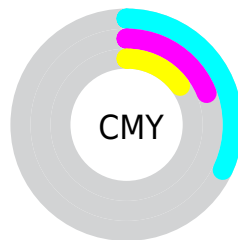


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4678, 0.2824, 0.3179 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 58.4678, 0.2824, 0.3179 by changing the saturation by 10% instead.

■ 58.4678, 0.2824,
0.3179

■ 58.4678, 0.2824,
0.3179

418.9268, 0.2968,
0.3234

■ 42.1848, 0.2790,
0.3165

■ 102.6038, 0.2875,
0.3199

■ 29.2461, 0.2747,
0.3148

131.2256, 0.2895,
0.3206

■ 19.2670, 0.2692,
0.3126

164.7291, 0.2911,
0.3213

■ 11.8634, 0.2619,
0.3094

203.4988, 0.2926,
0.3218

■ 6.6507, 0.2516,
0.3049

247.9190, 0.2939,
0.3223

■ 3.2446, 0.2362,
0.2977

298.3742, 0.2950,

■ 1.2608, 0.2106,

0.3227

0.2847

355.2486, 0.2960,
0.3231

■ 0.1105, 0.0000,
0.1372

■ 0.0000, 0.0000,
0.0000

■ 58.4678, 0.2824,
0.3179

■ 58.4678, 0.2824,
0.3179

■ 54.0468, 0.2679,
0.3116

■ 63.3542, 0.2975,
0.3237

■ 50.0644, 0.2542,
0.3048

■ 68.7173, 0.3129,
0.3290

■ 46.5018, 0.2418,
0.2977

■ 74.5765, 0.3282,
0.3338

■ 43.3360, 0.2309,
0.2902

■ 80.1063, 0.3402,
0.3382

■ 40.5410, 0.2217,
0.2826

■ 82.5813, 0.3395,
0.3427

■ 38.0876, 0.2144,
0.2749

■ 85.1213, 0.3388,
0.3471

■ 35.9412, 0.2091,
0.2672

■ 87.7269, 0.3381,
0.3515

■ 34.0406, 0.2055,
0.2597

■ 90.3986, 0.3375,
0.3559

■ 34.0244, 0.2055,
0.2596

■ 93.1367, 0.3368,
0.3602

Harmonies

Analogous

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



58.4678, 0.2892, 0.3325



58.4678, 0.2824, 0.3179



58.4678, 0.2834, 0.3068

Triad

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



58.4678, 0.2824, 0.3179



58.4678, 0.3227, 0.3124



58.4678, 0.3333, 0.3569

Complementary

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



58.4678, 0.2824, 0.3179



51.0635, 0.3500, 0.3398

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.



58.4678, 0.3428, 0.3506



58.4678, 0.2824, 0.3179



58.4678, 0.3366, 0.3249

Square

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



58.4678, 0.2824, 0.3179



58.4678, 0.3064, 0.3041



58.4678, 0.3440, 0.3388



58.4678, 0.3184, 0.3556

Rectangle

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



58.4678, 0.2824, 0.3179



58.4678, 0.2884, 0.3028



58.4678, 0.3440, 0.3388



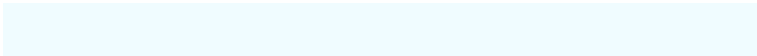
58.4678, 0.3372, 0.3556

Sweetspot

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



58.4702, 0.2824, 0.3179



95.1889, 0.3034, 0.3258



61.3549, 0.3046, 0.3724



20.2656, 0.3024, 0.3255



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.



58.4702, 0.2824, 0.3179



82.2896, 0.2760, 0.3152



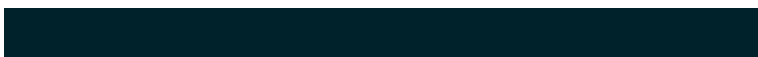
48.9131, 0.2807, 0.2912



13.6465, 0.2982, 0.3240



20.2995, 0.2058, 0.2608



1.3376, 0.2094, 0.2739

Inverse Universe

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



48.9871, 0.3224, 0.2896



66.1778, 0.3249, 0.2809



60.3729, 0.3453, 0.3642



12.5862, 0.3169, 0.3107



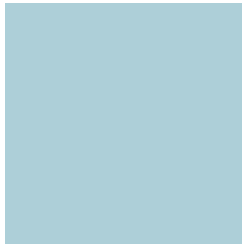
10.3941, 0.3817, 0.1876



0.6383, 0.3692, 0.1807

Previews

White Background



This preview shows how the Yxy color 58.4678, 0.2824, 0.3179 looks on a white background.

Color Contrast Check

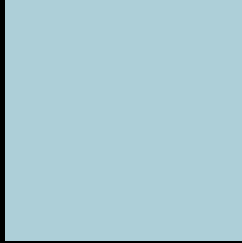
Large Text (above 18pt) WCAG AA × Fail

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 58.4678, 0.2824, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

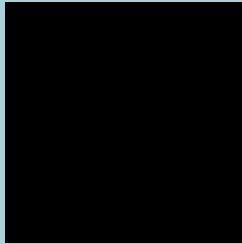
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

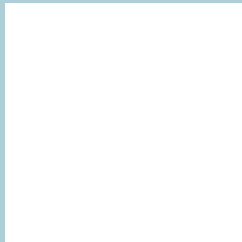
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4678, 0.2824, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 58.4678, 0.2824, 0.3179.

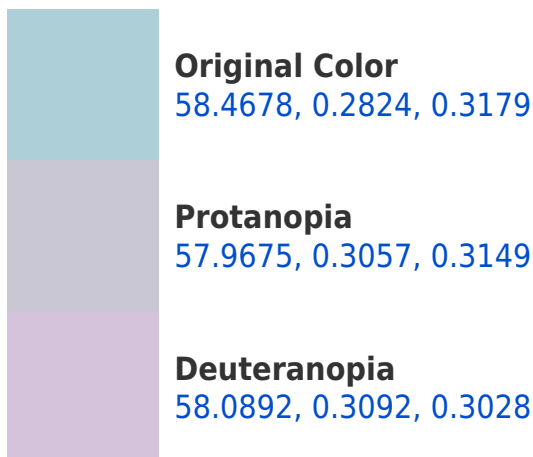


This preview shows how white text looks on a background with the Yxy color 58.4678, 0.2824, 0.3179.

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

58.4152, 0.2793, 0.3095

Trichromacy



Original Color

58.4678, 0.2824, 0.3179

Protanomaly

58.1215, 0.2968, 0.3158

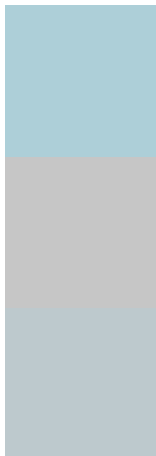
Deuteranomaly

57.8624, 0.2992, 0.3079

Tritanomaly

58.3086, 0.2805, 0.3119

Monochromacy



Original Color

58.4678, 0.2824, 0.3179

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9999, 0.3008, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4678, 0.2824, 0.3179 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(173, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 216)  
}
```

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(173, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 216) }
```

Border

The CSS property to change the border of an element to Yxy 58.4678, 0.2824, 0.3179 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(173, 207, 216) }
```

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

```
.border{ border-color:rgb(173, 207, 216) }
```

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

Here you see how a box with a 4 pixel rgb(173, 207, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4678, 0.2824, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 216) }
```

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

```
.background{ background-color: rgb(173,  
207, 216) }
```

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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