

Converting Colors

Yxy(57.7889, 0.2872, 0.3180)

Have a look what the booklet for
Yxy(57.7889, 0.2872, 0.3180)
contains.

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Color

Yxy(57.9827, 0.2869, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	B2CDD6
RGB	178, 205, 214
RGB Percent	70%, 80%, 84%
CMY	0.3023, 0.1960, 0.1609
CMYK	0.17, 0.04, 0.00, 0.16
HSL	195°, 31%, 77%
HSV	195°, 17%, 84%
XYZ	52.3121, 57.9827, 72.0408
YIQ	197.9530, -18.9810, -2.9250

Conversions

Conversions Part 2

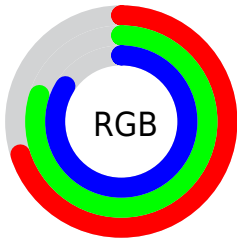
Format	Color
RYB	178, 193, 214
Decimal	11718102
CIELab	80.73, -7.18, -7.50
CIElCh	81, 10.384, 226.249
Yxy	57.9827, 0.2869, 0.3180
Android (android.graphics.Color)	4289908182 (0xFFB2CDD6)
YUV	197.9530, 7.9112, -17.4988
Hunter-Lab	76.1464, -10.6278, -2.7908

Details

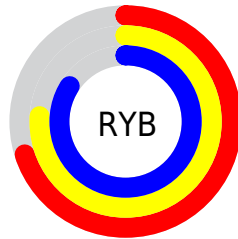
The Yxy color **57.9827, 0.2869, 0.3180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9893, 0.3430, 0.3397**, and the grayscale version is **56.3937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **28.9964, 0.2808, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **53.1506, 0.2720, 0.3106**, and if you desaturate by 10%, it is **63.3006, 0.3022, 0.3247**.

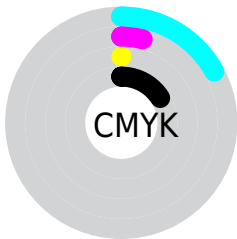
Distribution



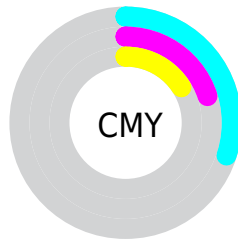
- Red (70%)
- Green (80%)
- Blue (84%)



- Red (70%)
- Yellow (76%)
- Blue (84%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9827, 0.2869, 0.3180 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 57.9827, 0.2869, 0.3180 by changing the saturation by 10% instead.

■ 57.9827, 0.2869,
0.3180

■ 57.9827, 0.2869,
0.3180

417.1215, 0.2992,
0.3234

■ 41.7947, 0.2840,
0.3167

■ 101.8977, 0.2913,
0.3199

■ 28.9406, 0.2803,
0.3150

130.3935, 0.2929,
0.3207

■ 19.0359, 0.2756,
0.3128

163.7607, 0.2944,
0.3213

■ 11.6962, 0.2692,
0.3098

202.3837, 0.2956,
0.3218

■ 6.5372, 0.2603,
0.3054

246.6468, 0.2967,
0.3223

■ 3.1744, 0.2468,
0.2985

296.9346, 0.2976,

■ 1.2234, 0.2242,

0.3227

0.2861

353.6313, 0.2985,
0.3231

0.0807, 0.0000,
0.1165

0.0000, 0.0000,
0.0000

57.9827, 0.2869,
0.3180

57.9827, 0.2869,
0.3180

53.1506, 0.2720,
0.3106

63.3006, 0.3022,
0.3247

48.7781, 0.2577,
0.3027

69.1151, 0.3175,
0.3309

44.8470, 0.2445,
0.2943

75.4454, 0.3327,
0.3363

41.3350, 0.2325,
0.2854

80.6583, 0.3414,
0.3414

■ 38.2174, 0.2222,
0.2763

■ 83.5972, 0.3406,
0.3467

■ 35.4663, 0.2138,
0.2670

■ 86.6264, 0.3397,
0.3519

■ 33.0494, 0.2074,
0.2577

■ 89.7468, 0.3389,
0.3570

■ 30.9249, 0.2028,
0.2486

■ 92.9591, 0.3381,
0.3621

■ 30.2945, 0.2016,
0.2457

■ 96.2641, 0.3373,
0.3671

Harmonies

Analogous

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



57.9827, 0.2917, 0.3300



57.9827, 0.2869, 0.3180



57.9827, 0.2889, 0.3094

Triad

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



57.9827, 0.2869, 0.3180



57.9827, 0.3232, 0.3166



57.9827, 0.3282, 0.3526

Complementary

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



57.9827, 0.2869, 0.3180



52.9893, 0.3430, 0.3397

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.



57.9827, 0.3370, 0.3484



57.9827, 0.2869, 0.3180



57.9827, 0.3342, 0.3275

Square

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



57.9827, 0.2869, 0.3180



57.9827, 0.3096, 0.3088



57.9827, 0.3393, 0.3391



57.9827, 0.3154, 0.3504

Rectangle

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



57.9827, 0.2869, 0.3180



57.9827, 0.2938, 0.3066



57.9827, 0.3393, 0.3391



57.9827, 0.3318, 0.3519

Sweetspot

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



57.9851, 0.2869, 0.3180



95.6585, 0.3050, 0.3259



61.0986, 0.3050, 0.3634



20.3475, 0.3039, 0.3254



0.0000, 0.0000, 0.0000



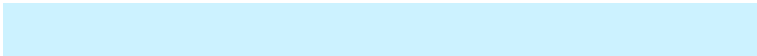
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9851, 0.2869, 0.3180



83.7633, 0.2819, 0.3156



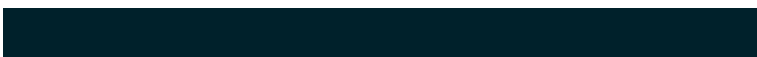
50.0757, 0.2859, 0.2960



13.5613, 0.2982, 0.3231



18.4863, 0.2020, 0.2471



1.2420, 0.2064, 0.2629

Inverse Universe

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



50.5091, 0.3219, 0.2975



70.8769, 0.3240, 0.2910



60.8637, 0.3397, 0.3599



12.5776, 0.3175, 0.3116



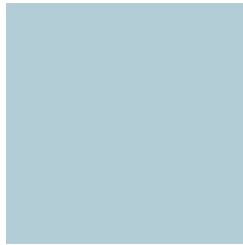
10.2111, 0.3952, 0.1951



0.6287, 0.3796, 0.1865

Previews

White Background



This preview shows how the Yxy color 57.9827, 0.2869, 0.3180 looks on a white background.

Color Contrast Check

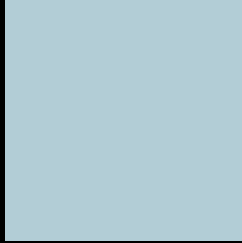
Large Text (above 18pt) WCAG AA × Fail

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 57.9827, 0.2869, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

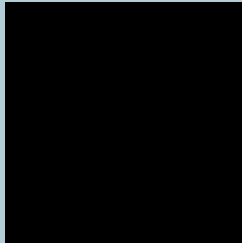
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

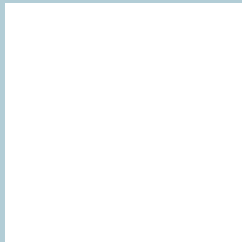
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9827, 0.2869, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 57.9827, 0.2869, 0.3180.



This preview shows how white text looks on a background with the Yxy color 57.9827, 0.2869, 0.3180.

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

57.9827, 0.2869, 0.3180

Protanopia

57.9175, 0.3064, 0.3161

Deuteranopia

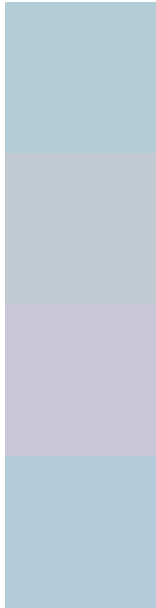
57.5385, 0.3107, 0.3039



Tritanopia

57.9367, 0.2838, 0.3096

Trichromacy



Original Color

57.9827, 0.2869, 0.3180

Protanomaly

57.8139, 0.2996, 0.3170

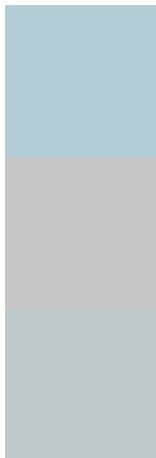
Deuteranomaly

57.5738, 0.3021, 0.3091

Tritanomaly

57.8314, 0.2850, 0.3120

Monochromacy



Original Color

57.9827, 0.2869, 0.3180

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.2093, 0.3030, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9827, 0.2869, 0.3180 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(178, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(178, 205, 214)  
}
```

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(178, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 205, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.9827, 0.2869, 0.3180 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(178, 205, 214) }
```

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

```
.border{ border-color:rgb(178, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(178, 205,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9827, 0.2869, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 205, 214) }
```

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

```
.background{ background-color: rgb(178,  
205, 214) }
```

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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