

Converting Colors

Yxy(67.3817, 0.2879, 0.3142)

Have a look what the booklet for
Yxy(67.3817, 0.2879, 0.3142)
contains.

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Color

Yxy(67.3817, 0.2879, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	C2DAE7
RGB	194, 218, 231
RGB Percent	76%, 85%, 91%
CMY	0.2392, 0.1451, 0.0942
CMYK	0.16, 0.06, 0.00, 0.09
HSL	201°, 43%, 83%
HSV	201°, 16%, 91%
XYZ	61.7415, 67.3817, 85.3316
YIQ	212.3060, -18.4770, -1.0450

Conversions

Conversions Part 2

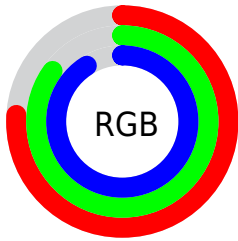
Format	Color
RYB	194, 209, 231
Decimal	12770023
CIELab	85.70, -5.32, -9.06
CIELCh	86, 10.501, 239.576
Yxy	67.3817, 0.2879, 0.3142
Android (android.graphics.Color)	4290960103 (0xFFC2DAE7)
YUV	212.3060, 9.2161, -16.0544
Hunter-Lab	82.0864, -9.3917, -4.1735

Details

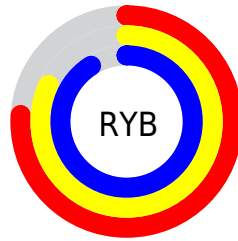
The Yxy color **67.3817, 0.2879, 0.3142** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4940, 0.3407, 0.3434**, and the grayscale version is **66.0008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **34.8650, 0.2823, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **60.4616, 0.2724, 0.3037**, and if you desaturate by 10%, it is **74.9878, 0.3035, 0.3237**.

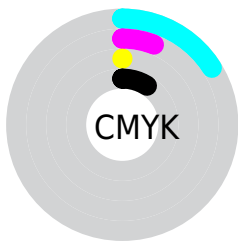
Distribution



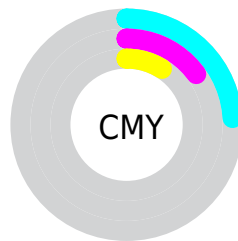
- Red (76%)
- Green (85%)
- Blue (91%)



- Red (76%)
- Yellow (82%)
- Blue (91%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3817, 0.2879, 0.3142 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 67.3817, 0.2879, 0.3142 by changing the saturation by 10% instead.

■ 67.3817, 0.2879,
0.3142

■ 67.3817, 0.2879,
0.3142

451.3022, 0.2995,
0.3212

■ 49.3949, 0.2852,
0.3126

■ 115.4672, 0.2919,
0.3167

■ 34.9328, 0.2819,
0.3105

146.3346, 0.2935,
0.3176

■ 23.6111, 0.2778,
0.3079

182.2644, 0.2948,
0.3184

■ 15.0454, 0.2723,
0.3043

223.6409, 0.2960,
0.3191

■ 8.8513, 0.2647,
0.2994

270.8486, 0.2970,
0.3198

■ 4.6443, 0.2538,
0.2922

324.2718, 0.2979,

■ 2.0401, 0.2364,

0.3203

0.2802

384.2948, 0.2987,
0.3208

0.6306, 0.1905,
0.2558

0.0000, 0.0000,
0.0000

67.3817, 0.2879,
0.3142

67.3817, 0.2879,
0.3142

60.4616, 0.2724,
0.3037

74.9878, 0.3035,
0.3237

54.1943, 0.2571,
0.2923

83.2949, 0.3188,
0.3323

48.5562, 0.2426,
0.2801

90.7190, 0.3281,
0.3401

43.5184, 0.2292,
0.2672

95.6580, 0.3273,
0.3479

■ 39.0494, 0.2173,
0.2538

■ 98.5480, 0.3268,
0.3523

■ 35.1138, 0.2072,
0.2402

■ 31.6710, 0.1991,
0.2267

■ 28.6709, 0.1932,
0.2134

■ 27.5638, 0.1912,
0.2081

Harmonies

Analogous

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



67.3817, 0.2897, 0.3246



67.3817, 0.2879, 0.3142



67.3817, 0.2926, 0.3080

Triad

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



67.3817, 0.2879, 0.3142



67.3817, 0.3280, 0.3215



67.3817, 0.3224, 0.3516

Complementary

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



67.3817, 0.2879, 0.3142



65.4940, 0.3407, 0.3434

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.



67.3817, 0.3330, 0.3502



67.3817, 0.2879, 0.3142



67.3817, 0.3363, 0.3326

Square

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



67.3817, 0.2879, 0.3142



67.3817, 0.3157, 0.3124



67.3817, 0.3382, 0.3431



67.3817, 0.3094, 0.3466

Rectangle

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



67.3817, 0.2879, 0.3142



67.3817, 0.2989, 0.3070



67.3817, 0.3382, 0.3431



67.3817, 0.3264, 0.3518

Sweetspot

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



67.3845, 0.2879, 0.3142



94.8409, 0.3050, 0.3246



73.1094, 0.3028, 0.3566



20.1485, 0.3039, 0.3240



0.0000, 0.0000, 0.0000



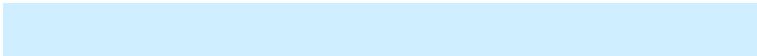
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3845, 0.2879, 0.3142



81.5719, 0.2831, 0.3111



58.3410, 0.2870, 0.2926



15.4408, 0.2981, 0.3206



15.6981, 0.1917, 0.2102



1.3328, 0.1971, 0.2296

Inverse Universe

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



60.6346, 0.3242, 0.3029



71.8412, 0.3269, 0.2977



74.9619, 0.3376, 0.3630



14.5248, 0.3191, 0.3139



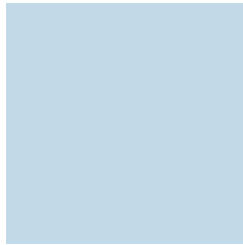
10.7824, 0.4339, 0.2164



0.8142, 0.4131, 0.2049

Previews

White Background



This preview shows how the Yxy color 67.3817, 0.2879, 0.3142 looks on a white background.

Color Contrast Check

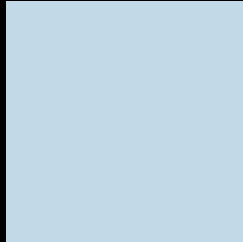
Large Text (above 18pt) WCAG AA × Fail

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 67.3817, 0.2879, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

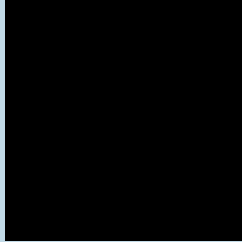
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

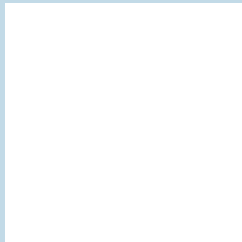
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3817, 0.2879, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 67.3817, 0.2879, 0.3142.

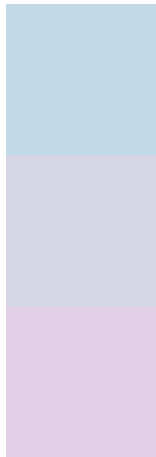


This preview shows how white text looks on a background with the Yxy color 67.3817, 0.2879, 0.3142.

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

67.3817, 0.2879, 0.3142

Protanopia

67.4861, 0.3034, 0.3125

Deuteranopia

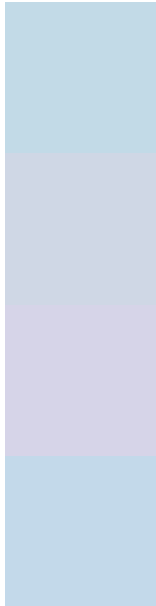
67.1637, 0.3088, 0.3022



Tritanopia

67.2260, 0.2861, 0.3086

Trichromacy



Original Color

67.3817, 0.2879, 0.3142

Protanomaly

67.5234, 0.2978, 0.3134

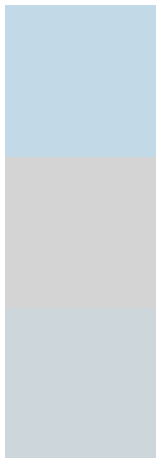
Deuteranomaly

67.2093, 0.3008, 0.3070

Tritanomaly

67.1683, 0.2867, 0.3097

Monochromacy



Original Color

67.3817, 0.2879, 0.3142

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1867, 0.3029, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3817, 0.2879, 0.3142 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(194, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(194, 218, 231)  
}
```

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(194, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 218, 231) }
```

Border

The CSS property to change the border of an element to Yxy 67.3817, 0.2879, 0.3142 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(194, 218, 231) }
```

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

```
.border{ border-color:rgb(194, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(194, 218,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3817, 0.2879, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 218, 231) }
```

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

```
.background{ background-color: rgb(194,  
218, 231) }
```

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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