

Converting Colors

Yxy(66.9836, 0.2891, 0.3166)

Have a look what the booklet for
Yxy(66.9836, 0.2891, 0.3166)
contains.

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Color

Yxy(67.2136, 0.2897, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	C2DAE4
RGB	194, 218, 228
RGB Percent	76%, 85%, 89%
CMY	0.2391, 0.1451, 0.1058
CMYK	0.15, 0.04, 0.00, 0.11
HSL	198°, 39%, 83%
HSV	198°, 15%, 89%
XYZ	61.3284, 67.2136, 83.1543
YIQ	211.9640, -17.5140, -1.9780

Conversions

Conversions Part 2

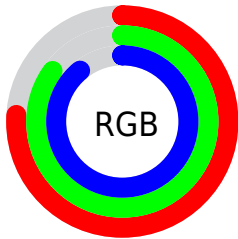
Format	Color
RYB	194, 208, 228
Decimal	12770020
CIELab	85.61, -5.92, -7.62
CIELCh	86, 9.650, 232.150
Yxy	67.2136, 0.2897, 0.3175
Android (android.graphics.Color)	4290960100 (0xFFC2DAE4)
YUV	211.9640, 7.9057, -15.7544
Hunter-Lab	81.9839, -9.9441, -2.7477

Details

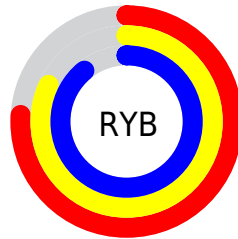
The Yxy color **67.2136, 0.2897, 0.3175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5987, 0.3389, 0.3402**, and the grayscale version is **65.7725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **34.7870, 0.2838, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **61.0112, 0.2744, 0.3088**, and if you desaturate by 10%, it is **74.0258, 0.3052, 0.3254**.

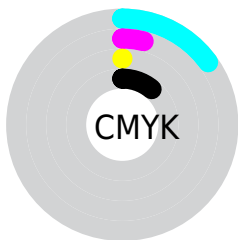
Distribution



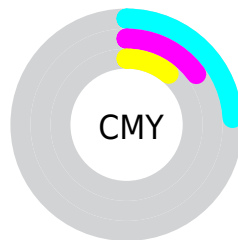
- Red (76%)
- Green (85%)
- Blue (89%)



- Red (76%)
- Yellow (82%)
- Blue (89%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2136, 0.2897, 0.3175 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 67.2136, 0.2897, 0.3175 by changing the saturation by 10% instead.

■ 67.2136, 0.2897,
0.3175

■ 67.2136, 0.2897,
0.3175

450.7047, 0.3004,
0.3230

■ 49.2582, 0.2872,
0.3162

■ 115.2264, 0.2934,
0.3194

■ 34.8244, 0.2842,
0.3146

146.0527, 0.2949,
0.3202

■ 23.5276, 0.2803,
0.3125

181.9380, 0.2961,
0.3208

■ 14.9836, 0.2751,
0.3097

223.2668, 0.2972,
0.3214

■ 8.8079, 0.2681,
0.3058

270.4235, 0.2982,
0.3218

■ 4.6161, 0.2578,
0.3000

323.7924, 0.2990,

■ 2.0238, 0.2415,

0.3223

0.2903

383.7580, 0.2998,
0.3227

0.6212, 0.1941,
0.2704

0.0000, 0.0000,
0.0000

67.2136, 0.2897,
0.3175

67.2136, 0.2897,
0.3175

61.0112, 0.2744,
0.3088

74.0258, 0.3052,
0.3254

55.3877, 0.2596,
0.2994

81.4609, 0.3205,
0.3325

50.3214, 0.2456,
0.2894

88.1062, 0.3304,
0.3390

45.7860, 0.2328,
0.2787

92.0969, 0.3297,
0.3456

■ 41.7526, 0.2215,
0.2677

■ 96.2354, 0.3289,
0.3520

■ 38.1885, 0.2120,
0.2565

■ 98.3826, 0.3285,
0.3552

■ 35.0564, 0.2045,
0.2453

■ 32.3107, 0.1991,
0.2342

■ 31.0255, 0.1968,
0.2286

Harmonies

Analogous

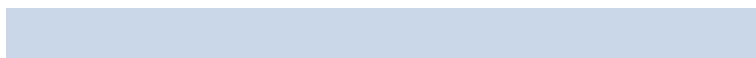
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2136, 0.2928, 0.3277



67.2136, 0.2897, 0.3175



67.2136, 0.2926, 0.3107

Triad

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



67.2136, 0.2897, 0.3175



67.2136, 0.3242, 0.3197



67.2136, 0.3244, 0.3500

Complementary

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



67.2136, 0.2897, 0.3175



63.5987, 0.3389, 0.3402

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.



67.2136, 0.3331, 0.3473



67.2136, 0.2897, 0.3175



67.2136, 0.3330, 0.3298

Square

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



67.2136, 0.2897, 0.3175



67.2136, 0.3124, 0.3121



67.2136, 0.3363, 0.3399



67.2136, 0.3127, 0.3468

Rectangle

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



67.2136, 0.2897, 0.3175



67.2136, 0.2976, 0.3088



67.2136, 0.3363, 0.3399



67.2136, 0.3278, 0.3497

Sweetspot

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



67.2164, 0.2897, 0.3175



96.2132, 0.3065, 0.3261



71.3132, 0.3048, 0.3572



20.4443, 0.3054, 0.3255



0.0000, 0.0000, 0.0000



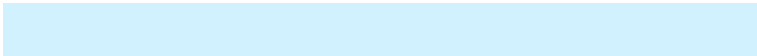
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2164, 0.2897, 0.3175



83.9793, 0.2848, 0.3148



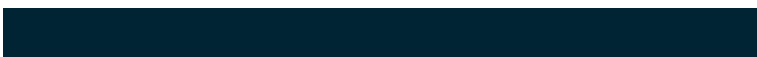
59.0278, 0.2890, 0.2980



15.5812, 0.2981, 0.3219



18.1267, 0.1973, 0.2303



1.4988, 0.2018, 0.2464

Inverse Universe

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



60.1511, 0.3219, 0.3028



73.2890, 0.3242, 0.2969



71.9237, 0.3362, 0.3582



14.5390, 0.3183, 0.3126



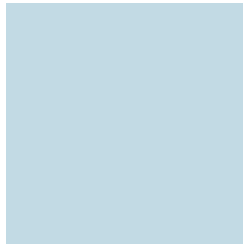
11.0276, 0.4124, 0.2045



0.8310, 0.3958, 0.1954

Previews

White Background



This preview shows how the Yxy color 67.2136, 0.2897, 0.3175 looks on a white background.

Color Contrast Check

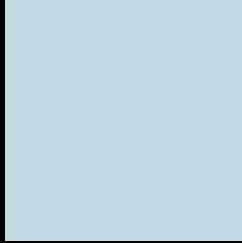
Large Text (above 18pt) WCAG AA × Fail

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 67.2136, 0.2897, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

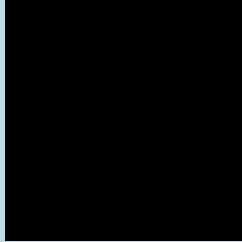
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

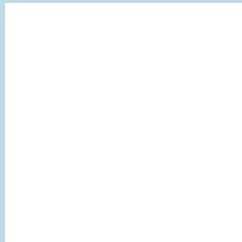
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2136, 0.2897, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 67.2136, 0.2897, 0.3175.



This preview shows how white text looks on a background with the Yxy color 67.2136, 0.2897, 0.3175.

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

67.2136, 0.2897, 0.3175

Protanopia

66.8194, 0.3054, 0.3146

Deuteranopia

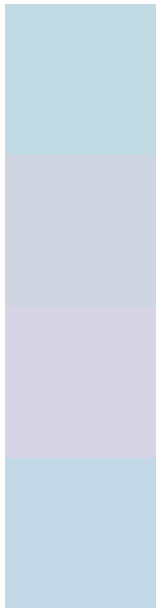
67.1558, 0.3116, 0.3054



Tritanopia

67.1683, 0.2867, 0.3097

Trichromacy



Original Color

67.2136, 0.2897, 0.3175

Protanomaly

66.8495, 0.2998, 0.3155

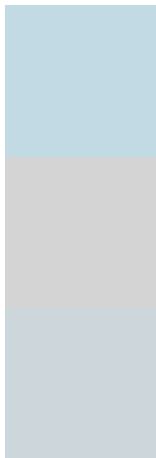
Deuteranomaly

67.1912, 0.3035, 0.3103

Tritanomaly

67.0540, 0.2879, 0.3119

Monochromacy



Original Color

67.2136, 0.2897, 0.3175

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1342, 0.3036, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2136, 0.2897, 0.3175 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(194, 218, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 218, 228) }
```

Border

The CSS property to change the border of an element to Yxy 67.2136, 0.2897, 0.3175 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, 228) }
```

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

```
.border{ border-color:rgb(194, 218, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 218, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 218, 228); box-shadow:4px 4px 4px 4px rgb(194, 218, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2136, 0.2897, 0.3175 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, 228) }
```

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

```
.background{ background-color: rgb(194,  
218, 228) }
```

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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