

Converting Colors

$Yxy(67.7806, 0.2829, 0.3113)$

Have a look what the booklet for
Yxy(67.7806, 0.2829, 0.3113)
contains.

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Color

Yxy(67.6083, 0.2829, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	BEDBEB
RGB	190, 219, 235
RGB Percent	75%, 86%, 92%
CMY	0.2551, 0.1411, 0.0783
CMYK	0.19, 0.07, 0.00, 0.08
HSL	201°, 53%, 83%
HSV	201°, 19%, 92%
XYZ	61.5590, 67.6083, 88.4326
YIQ	212.1530, -22.4200, -1.1720

Conversions

Conversions Part 2

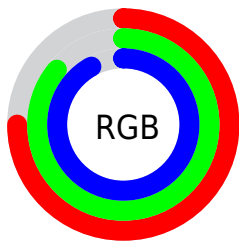
Format	Color
RYB	190, 208, 235
Decimal	12508139
CIELab	85.81, -6.24, -11.07
CIELCh	86, 12.702, 240.599
Yxy	67.6083, 0.2829, 0.3107
Android (android.graphics.Color)	4290698219 (0xFFBEDBEB)
YUV	212.1530, 11.2636, -19.4282
Hunter-Lab	82.2243, -10.2545, -6.2097

Details

The Yxy color **67.6083, 0.2829, 0.3107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5240, 0.3472, 0.3466**, and the grayscale version is **65.8787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **35.0398, 0.2760, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **60.5728, 0.2674, 0.2998**, and if you desaturate by 10%, it is **75.3564, 0.2985, 0.3207**.

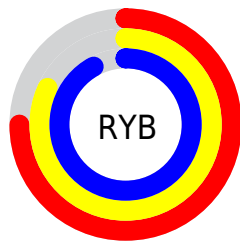
Distribution



Red (75%)

Green (86%)

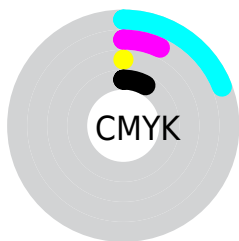
Blue (92%)



Red (75%)

Yellow (82%)

Blue (92%)

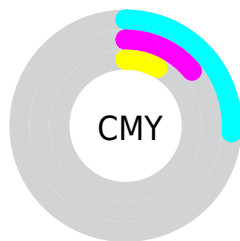


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6083, 0.2829, 0.3107 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 67.6083, 0.2829, 0.3107 by changing the saturation by 10% instead.

■ 67.6083, 0.2829,
0.3107

■ 67.6083, 0.2829,
0.3107

452.1070, 0.2968,
0.3194

■ 49.5791, 0.2797,
0.3087

■ 115.7916, 0.2877,
0.3138

■ 35.0791, 0.2758,
0.3061

146.7145, 0.2896,
0.3149

■ 23.7238, 0.2708,
0.3029

182.7042, 0.2912,
0.3159

■ 15.1289, 0.2643,
0.2985

224.1450, 0.2926,
0.3168

■ 8.9099, 0.2554,
0.2925

271.4212, 0.2938,
0.3176

■ 4.6824, 0.2425,
0.2836

324.9174, 0.2949,

■ 2.0622, 0.2224,

0.3183

0.2691

385.0178, 0.2959,
0.3189

0.6432, 0.1719,
0.2408

0.0000, 0.0000,
0.0000

67.6083, 0.2829,
0.3107

67.6083, 0.2829,
0.3107

60.5728, 0.2674,
0.2998

75.3564, 0.2985,
0.3207

54.2150, 0.2523,
0.2879

83.8335, 0.3140,
0.3297

48.5091, 0.2380,
0.2752

92.0132, 0.3254,
0.3379

43.4242, 0.2250,
0.2620

97.1602, 0.3246,
0.3459

■ 38.9260, 0.2135,
0.2483

■ 98.7805, 0.3244,
0.3483

■ 34.9759, 0.2040,
0.2345

■ 31.5288, 0.1965,
0.2207

■ 28.5162, 0.1910,
0.2073

■ 28.2815, 0.1906,
0.2062

Harmonies

Analogous

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



67.6083, 0.2847, 0.3231



67.6083, 0.2829, 0.3107



67.6083, 0.2888, 0.3036

Triad

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



67.6083, 0.2829, 0.3107



67.6083, 0.3317, 0.3203



67.6083, 0.3239, 0.3563

Complementary

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



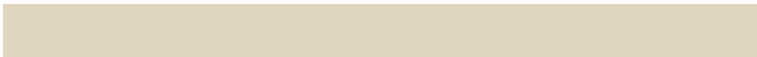
67.6083, 0.2829, 0.3107



65.5240, 0.3472, 0.3466

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.



67.6083, 0.3369, 0.3548



67.6083, 0.2829, 0.3107



67.6083, 0.3415, 0.3338

Square

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



67.6083, 0.2829, 0.3107



67.6083, 0.3168, 0.3093



67.6083, 0.3434, 0.3464



67.6083, 0.3081, 0.3500

Rectangle

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



67.6083, 0.2829, 0.3107



67.6083, 0.2964, 0.3026



67.6083, 0.3434, 0.3464



67.6083, 0.3287, 0.3566

Sweetspot

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



67.6111, 0.2829, 0.3107



93.7904, 0.3034, 0.3236



74.8260, 0.3008, 0.3627



19.9345, 0.3024, 0.3230



0.0000, 0.0000, 0.0000



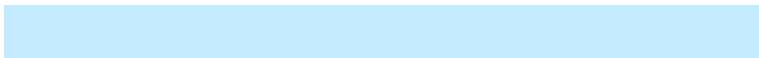
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6111, 0.2829, 0.3107



77.9301, 0.2768, 0.3065



56.7495, 0.2813, 0.2845



16.1683, 0.2981, 0.3204



15.9833, 0.1912, 0.2084



1.4354, 0.1964, 0.2270

Inverse Universe

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



59.5943, 0.3271, 0.2978



66.8467, 0.3307, 0.2911



77.0258, 0.3429, 0.3699



15.2175, 0.3192, 0.3139



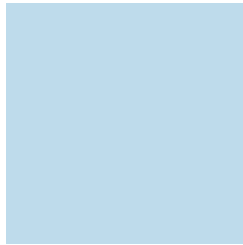
11.1063, 0.4359, 0.2175



0.8903, 0.4158, 0.2064

Previews

White Background



This preview shows how the Yxy color 67.6083, 0.2829, 0.3107 looks on a white background.

Color Contrast Check

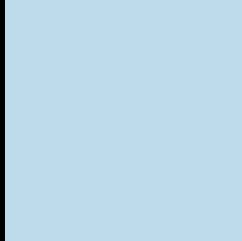
Large Text (above 18pt) WCAG AA × Fail

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 67.6083, 0.2829, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

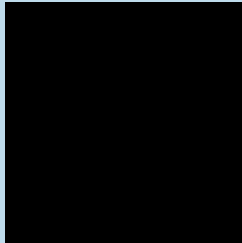
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

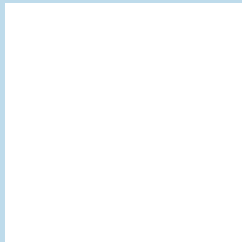
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6083, 0.2829, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 67.6083, 0.2829, 0.3107.

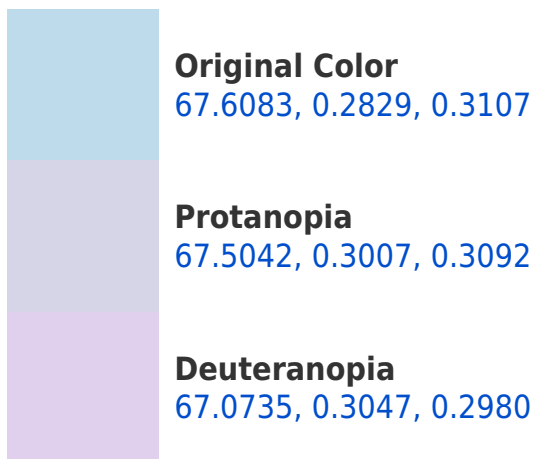


This preview shows how white text looks on a background with the Yxy color 67.6083, 0.2829, 0.3107.

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

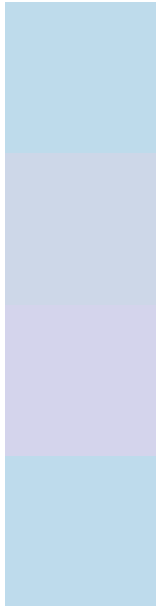




Tritanopia

67.6663, 0.2824, 0.3096

Trichromacy



Original Color

67.6083, 0.2829, 0.3107

Protanomaly

67.4062, 0.2945, 0.3100

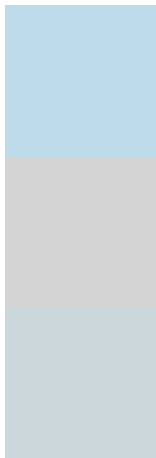
Deuteranomaly

67.1401, 0.2968, 0.3027

Tritanomaly

67.6663, 0.2824, 0.3096

Monochromacy



Original Color

67.6083, 0.2829, 0.3107

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.6056, 0.3015, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6083, 0.2829, 0.3107 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(190, 219, 235)` looks like.

```
.text, #text, p{  
    color:rgb(190, 219, 235)  
}
```

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(190, 219, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 219, 235) }
```

Border

The CSS property to change the border of an element to Yxy 67.6083, 0.2829, 0.3107 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(190, 219, 235) }
```

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

```
.border{ border-color:rgb(190, 219, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 219, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(190, 219,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6083, 0.2829, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 219, 235) }
```

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

```
.background{ background-color: rgb(190,  
219, 235) }
```

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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