

Converting Colors

Yxy(68.2468, 0.2843, 0.3087)

Have a look what the booklet for
Yxy(68.2468, 0.2843, 0.3087)
contains.

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Color

Yxy(68.2468, 0.2843, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	C2DBED
RGB	194, 219, 237
RGB Percent	76%, 86%, 93%
CMY	0.2395, 0.1411, 0.0706
CMYK	0.18, 0.08, 0.00, 0.07
HSL	205°, 54%, 84%
HSV	205°, 18%, 93%
XYZ	62.8525, 68.2468, 89.9788
YIQ	213.5770, -20.6780, 0.2980

Conversions

Conversions Part 2

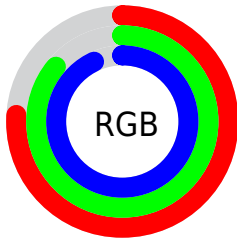
Format	Color
RYB	194, 210, 237
Decimal	12770285
CIELab	86.13, -4.60, -11.60
CIELCh	86, 12.477, 248.346
Yxy	68.2468, 0.2843, 0.3087
Android (android.graphics.Color)	4290960365 (0xFFC2DBED)
YUV	213.5770, 11.5475, -17.1690
Hunter-Lab	82.6116, -8.7641, -6.7492

Details

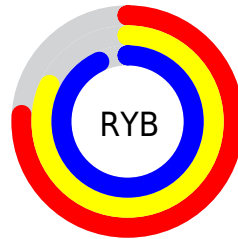
The Yxy color **68.2468, 0.2843, 0.3087** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9390, 0.3446, 0.3485**, and the grayscale version is **66.8721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **35.4626, 0.2778, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **60.3508, 0.2684, 0.2959**, and if you desaturate by 10%, it is **76.9553, 0.3001, 0.3204**.

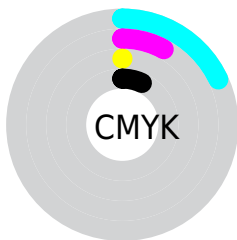
Distribution



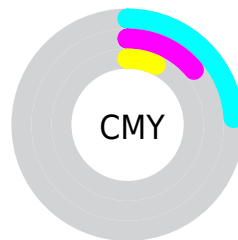
- Red (76%)
- Green (86%)
- Blue (93%)



- Red (76%)
- Yellow (82%)
- Blue (93%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2468, 0.2843, 0.3087 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 68.2468, 0.2843, 0.3087 by changing the saturation by 10% instead.

■ 68.2468, 0.2843,
0.3087

■ 68.2468, 0.2843,
0.3087

■ 454.3699, 0.2975,
0.3183

■ 50.0985, 0.2813,
0.3065

■ 116.7051, 0.2889,
0.3121

■ 35.4917, 0.2775,
0.3037

■ 147.7840, 0.2907,
0.3133

■ 24.0419, 0.2728,
0.3002

■ 183.9419, 0.2922,
0.3145

■ 15.3647, 0.2666,
0.2955

■ 225.5631, 0.2935,
0.3154

■ 9.0757, 0.2581,
0.2890

■ 273.0322, 0.2947,
0.3163

■ 4.7906, 0.2459,
0.2795

■ 326.7334, 0.2957,

■ 2.1249, 0.2269,

0.3170

0.2642

387.0512, 0.2967,
0.3177

0.6786, 0.1845,
0.2350

0.0000, 0.0000,
0.0000

68.2468, 0.2843,
0.3087

68.2468, 0.2843,
0.3087

60.3508, 0.2684,
0.2959

76.9553, 0.3001,
0.3204

53.2299, 0.2527,
0.2819

86.4950, 0.3155,
0.3308

46.8558, 0.2376,
0.2669

94.9415, 0.3238,
0.3404

41.1952, 0.2235,
0.2512

98.8943, 0.3232,
0.3464

■ 36.2111, 0.2110,
0.2350

■ 31.8622, 0.2003,
0.2185

■ 28.1009, 0.1918,
0.2023

■ 24.8624, 0.1855,
0.1867

■ 24.3103, 0.1844,
0.1839

Harmonies

Analogous

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



68.2468, 0.2841, 0.3198



68.2468, 0.2843, 0.3087



68.2468, 0.2919, 0.3034

Triad

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



68.2468, 0.2843, 0.3087



68.2468, 0.3344, 0.3238



68.2468, 0.3198, 0.3548

Complementary

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



68.2468, 0.2843, 0.3087



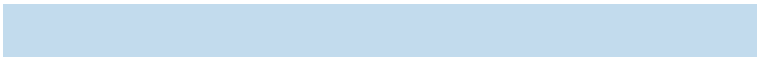
68.9390, 0.3446, 0.3485

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.



68.2468, 0.3336, 0.3553



68.2468, 0.2843, 0.3087



68.2468, 0.3422, 0.3371

Square

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



68.2468, 0.2843, 0.3087



68.2468, 0.3207, 0.3121



68.2468, 0.3419, 0.3487



68.2468, 0.3043, 0.3469

Rectangle

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



68.2468, 0.2843, 0.3087



68.2468, 0.3003, 0.3035



68.2468, 0.3419, 0.3487



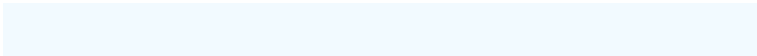
68.2468, 0.3248, 0.3558

Sweetspot

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



68.2496, 0.2843, 0.3087



94.3126, 0.3050, 0.3238



76.7755, 0.2997, 0.3574



20.0200, 0.3039, 0.3230



0.0000, 0.0000, 0.0000



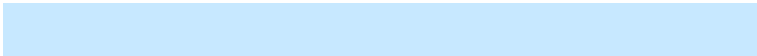
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2496, 0.2843, 0.3087



76.8265, 0.2781, 0.3038



57.7457, 0.2830, 0.2837



16.0069, 0.2981, 0.3189



13.5380, 0.1851, 0.1864



1.2524, 0.1911, 0.2081

Inverse Universe

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



61.6745, 0.3283, 0.3022



67.8633, 0.3323, 0.2962



80.4065, 0.3407, 0.3706



15.2012, 0.3202, 0.3154



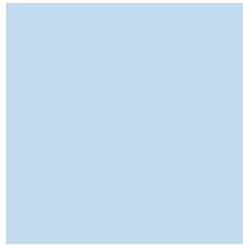
10.8595, 0.4610, 0.2313



0.8718, 0.4362, 0.2177

Previews

White Background



This preview shows how the Yxy color 68.2468, 0.2843, 0.3087 looks on a white background.

Color Contrast Check

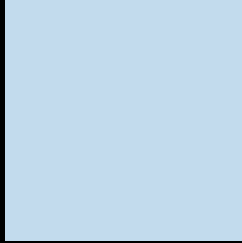
Large Text (above 18pt) WCAG AA × Fail

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 68.2468, 0.2843, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

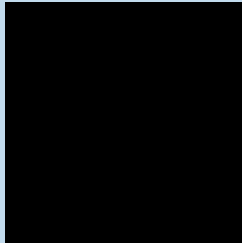
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

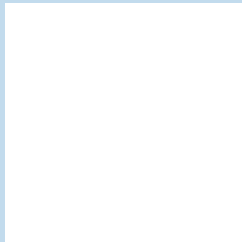
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2468, 0.2843, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 68.2468, 0.2843, 0.3087.

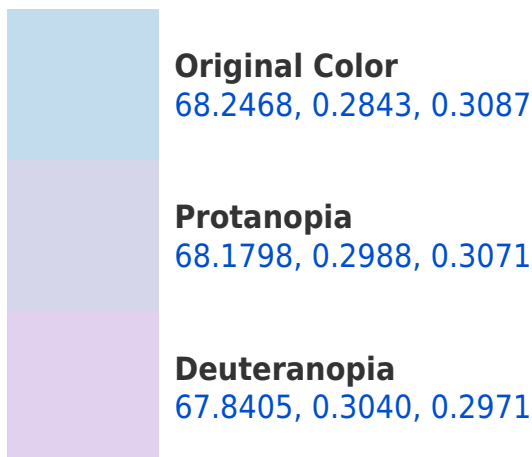


This preview shows how white text looks on a background with the Yxy color 68.2468, 0.2843, 0.3087.

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

68.2468, 0.2843, 0.3087

Trichromacy



Original Color

68.2468, 0.2843, 0.3087

Protanomaly

68.2317, 0.2934, 0.3079

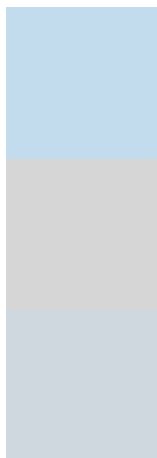
Deuteranomaly

68.0577, 0.2969, 0.3018

Tritanomaly

68.2468, 0.2843, 0.3087

Monochromacy



Original Color

68.2468, 0.2843, 0.3087

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6511, 0.3023, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2468, 0.2843, 0.3087 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, 219, 237)` looks like.

```
.text, #text, p{  
    color:rgb(194, 219, 237)  
}
```

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, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 219, 237) }
```

Border

The CSS property to change the border of an element to Yxy 68.2468, 0.2843, 0.3087 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, 219, 237) }
```

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

```
.border{ border-color:rgb(194, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(194, 219,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2468, 0.2843, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 219, 237) }
```

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

```
.background{ background-color: rgb(194,  
219, 237) }
```

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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