

Converting Colors

Yxy(66.5910, 0.2866, 0.3069)

Have a look what the booklet for
Yxy(66.5910, 0.2866, 0.3069)
contains.

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Color

Yxy(66.8457, 0.2867, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	C4D8EB
RGB	196, 216, 235
RGB Percent	77%, 85%, 92%
CMY	0.2312, 0.1530, 0.0784
CMYK	0.17, 0.08, 0.00, 0.08
HSL	209°, 49%, 85%
HSV	209°, 17%, 92%
XYZ	62.3241, 66.8457, 88.2146
YIQ	212.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

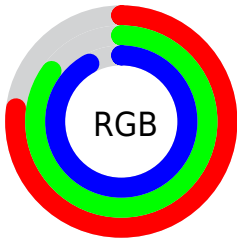
Format	Color
R _Y B	196, 209, 235
Decimal	12900587
CIE Lab	85.43, -2.79, -11.58
CIE LCh	85, 11.908, 256.426
Yxy	66.8457, 0.2867, 0.3075
Android (android.graphics.Color)	4291090667 (0xFFC4D8EB)
YUV	212.1860, 11.2473, -14.1951
Hunter-Lab	81.7592, -7.0102, -6.7398

Details

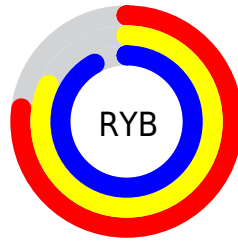
The Yxy color **66.8457, 0.2867, 0.3075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2763, 0.3410, 0.3496**, and the grayscale version is **65.9071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **34.4952, 0.2807, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **58.2679, 0.2704, 0.2926**, and if you desaturate by 10%, it is **76.3325, 0.3026, 0.3209**.

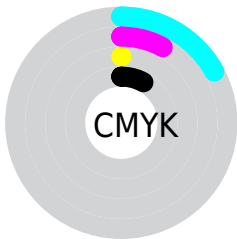
Distribution



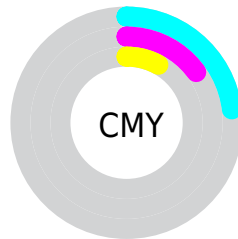
- Red (77%)
- Green (85%)
- Blue (92%)



- Red (77%)
- Yellow (82%)
- Blue (92%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8457, 0.2867, 0.3075 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 66.8457, 0.2867, 0.3075 by changing the saturation by 10% instead.

■ 66.8457, 0.2867,
0.3075

■ 66.8457, 0.2867,
0.3075

■ 449.3953, 0.2988,
0.3176

■ 48.9592, 0.2839,
0.3051

■ 114.6993, 0.2909,
0.3110

■ 34.5871, 0.2804,
0.3022

■ 145.4352, 0.2926,
0.3124

■ 23.3450, 0.2760,
0.2985

■ 181.2231, 0.2940,
0.3136

■ 14.8485, 0.2702,
0.2935

■ 222.4473, 0.2952,
0.3146

■ 8.7131, 0.2623,
0.2867

■ 269.4922, 0.2963,
0.3155

■ 4.5545, 0.2508,
0.2766

■ 322.7423, 0.2972,

■ 1.9883, 0.2326,

0.3163

0.2605

382.5818, 0.2981,
0.3170

0.6007, 0.1892,
0.2260

0.0000, 0.0000,
0.0000

66.8457, 0.2867,
0.3075

66.8457, 0.2867,
0.3075

58.2679, 0.2704,
0.2926

76.3325, 0.3026,
0.3209

50.5597, 0.2541,
0.2764

86.7496, 0.3179,
0.3330

43.6906, 0.2380,
0.2589

95.8722, 0.3248,
0.3439

37.6246, 0.2228,
0.2404

98.7782, 0.3244,
0.3483

■ 32.3228, 0.2090,
0.2213

■ 27.7418, 0.1969,
0.2020

■ 23.8321, 0.1871,
0.1832

■ 20.5334, 0.1798,
0.1653

■ 19.5147, 0.1776,
0.1593

Harmonies

Analogous

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



66.8457, 0.2845, 0.3169



66.8457, 0.2867, 0.3075



66.8457, 0.2957, 0.3040

Triad

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



66.8457, 0.2867, 0.3075



66.8457, 0.3363, 0.3274



66.8457, 0.3155, 0.3524

Complementary

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



66.8457, 0.2867, 0.3075



70.2763, 0.3410, 0.3496

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.



66.8457, 0.3296, 0.3549



66.8457, 0.2867, 0.3075



66.8457, 0.3418, 0.3401

Square

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



66.8457, 0.2867, 0.3075



66.8457, 0.3243, 0.3155



66.8457, 0.3393, 0.3502



66.8457, 0.3009, 0.3431

Rectangle

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



66.8457, 0.2867, 0.3075



66.8457, 0.3045, 0.3053



66.8457, 0.3393, 0.3502



66.8457, 0.3204, 0.3540

Sweetspot

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



66.8485, 0.2867, 0.3075



93.7566, 0.3050, 0.3229



76.0585, 0.2993, 0.3517



19.8849, 0.3039, 0.3220



0.0000, 0.0000, 0.0000



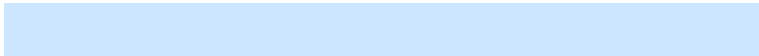
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8485, 0.2867, 0.3075



76.7165, 0.2810, 0.3024



57.5329, 0.2857, 0.2850



15.8245, 0.2981, 0.3172



11.1175, 0.1784, 0.1621



1.0656, 0.1852, 0.1867

Inverse Universe

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



62.1193, 0.3288, 0.3076



70.1655, 0.3329, 0.3028



80.6959, 0.3377, 0.3695



15.1828, 0.3213, 0.3170



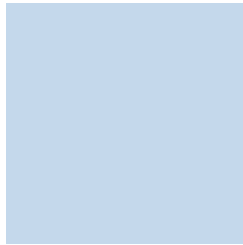
10.6151, 0.4905, 0.2476



0.8530, 0.4606, 0.2311

Previews

White Background



This preview shows how the Yxy color 66.8457, 0.2867, 0.3075 looks on a white background.

Color Contrast Check

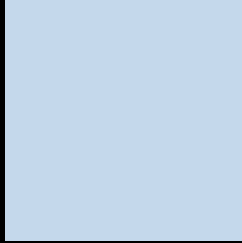
Large Text (above 18pt) WCAG AA × Fail

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 66.8457, 0.2867, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

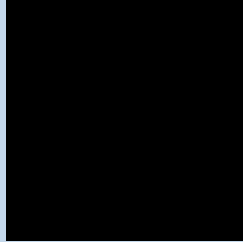
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

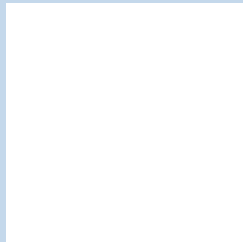
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8457, 0.2867, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 66.8457, 0.2867, 0.3075.

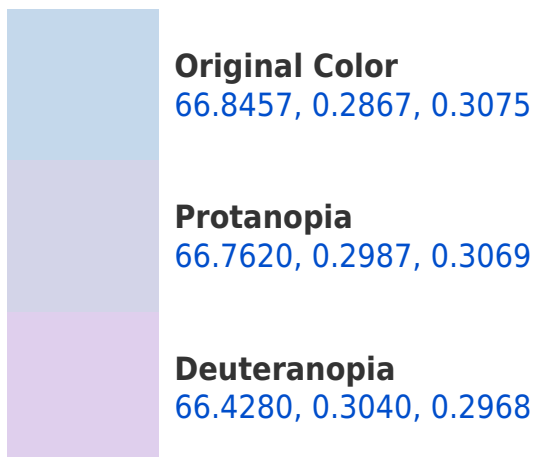


This preview shows how white text looks on a background with the Yxy color 66.8457, 0.2867, 0.3075.

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

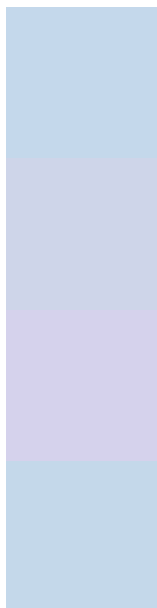




Tritanopia

66.7307, 0.2879, 0.3097

Trichromacy



Original Color

66.8457, 0.2867, 0.3075

Protanomaly

66.5935, 0.2946, 0.3067

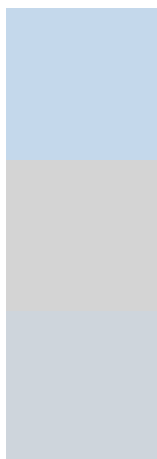
Deuteranomaly

66.2954, 0.2975, 0.3005

Tritanomaly

66.7880, 0.2873, 0.3086

Monochromacy



Original Color

66.8457, 0.2867, 0.3075

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8776, 0.3030, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8457, 0.2867, 0.3075 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(196, 216, 235)` looks like.

```
.text, #text, p{  
    color:rgb(196, 216, 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(196, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 235) }
```

Border

The CSS property to change the border of an element to Yxy 66.8457, 0.2867, 0.3075 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(196, 216, 235) }
```

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

```
.border{ border-color:rgb(196, 216, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 216, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(196, 216,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8457, 0.2867, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 216, 235) }
```

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

```
.background{ background-color: rgb(196,  
216, 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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