

Converting Colors

$Yxy(66.7389, 0.2888, 0.3095)$

Have a look what the booklet for
Yxy(66.7389, 0.2888, 0.3095)
contains.

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Color

Yxy(66.8652, 0.2886, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	C5D8E9
RGB	197, 216, 233
RGB Percent	77%, 85%, 91%
CMY	0.2271, 0.1530, 0.0862
CMYK	0.15, 0.07, 0.00, 0.09
HSL	208°, 45%, 84%
HSV	208°, 15%, 91%
XYZ	62.3096, 66.8652, 86.7283
YIQ	212.2570, -16.7810, 1.2590

Conversions

Conversions Part 2

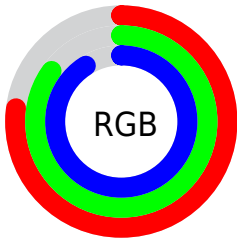
Format	Color
R_{YB}	197, 209, 233
Decimal	12966121
CIE _{Lab}	85.44, -2.87, -10.51
CIE _{LCh}	85, 10.890, 254.715
Yxy	66.8652, 0.2886, 0.3097
Android (android.graphics.Color)	4291156201 (0xFFC5D8E9)
YUV	212.2570, 10.2263, -13.3804
Hunter-Lab	81.7711, -7.0824, -5.6445

Details

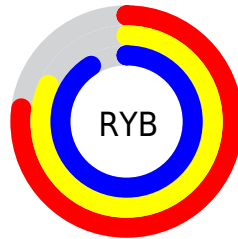
The Yxy color **66.8652, 0.2886, 0.3097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5246, 0.3389, 0.3476**, and the grayscale version is **65.9686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.5037, 0.2831, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **58.4858, 0.2724, 0.2954**, and if you desaturate by 10%, it is **76.1174, 0.3044, 0.3226**.

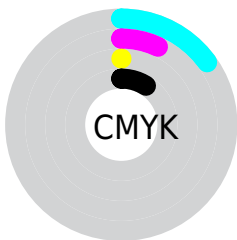
Distribution



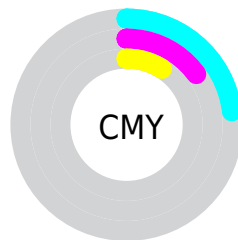
- Red (77%)
- Green (85%)
- Blue (91%)



- Red (77%)
- Yellow (82%)
- Blue (91%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8652, 0.2886, 0.3097 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 66.8652, 0.2886, 0.3097 by changing the saturation by 10% instead.

■ 66.8652, 0.2886,
0.3097

■ 66.8652, 0.2886,
0.3097

449.4648, 0.2999,
0.3188

■ 48.9751, 0.2860,
0.3076

114.7272, 0.2925,
0.3129

■ 34.5997, 0.2828,
0.3049

145.4679, 0.2940,
0.3141

■ 23.3547, 0.2787,
0.3016

181.2610, 0.2954,
0.3152

■ 14.8556, 0.2733,
0.2971

222.4907, 0.2965,
0.3161

■ 8.7181, 0.2659,
0.2909

269.5416, 0.2975,
0.3169

■ 4.5578, 0.2551,
0.2818

322.7980, 0.2984,

■ 1.9902, 0.2381,

0.3176

0.2671

382.6442, 0.2992,
0.3182

0.6018, 0.1961,
0.2352

0.0000, 0.0000,
0.0000

66.8652, 0.2886,
0.3097

66.8652, 0.2886,
0.3097

58.4858, 0.2724,
0.2954

76.1174, 0.3044,
0.3226

50.9413, 0.2562,
0.2798

86.2622, 0.3196,
0.3341

44.2027, 0.2403,
0.2630

94.9818, 0.3261,
0.3447

38.2360, 0.2251,
0.2451

98.6644, 0.3256,
0.3503

■ 33.0042, 0.2113,
0.2266

■ 28.4661, 0.1992,
0.2079

■ 24.5749, 0.1893,
0.1895

■ 21.2747, 0.1818,
0.1718

■ 19.9234, 0.1789,
0.1640

Harmonies

Analogous

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



66.8652, 0.2870, 0.3186



66.8652, 0.2886, 0.3097



66.8652, 0.2966, 0.3062

Triad

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



66.8652, 0.2886, 0.3097



66.8652, 0.3337, 0.3269



66.8652, 0.3161, 0.3506

Complementary

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



66.8652, 0.2886, 0.3097



69.5246, 0.3389, 0.3476

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.



66.8652, 0.3288, 0.3526



66.8652, 0.2886, 0.3097



66.8652, 0.3392, 0.3386

Square

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



66.8652, 0.2886, 0.3097



66.8652, 0.3226, 0.3161



66.8652, 0.3373, 0.3480



66.8652, 0.3026, 0.3425

Rectangle

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



66.8652, 0.2886, 0.3097



66.8652, 0.3045, 0.3071



66.8652, 0.3373, 0.3480



66.8652, 0.3206, 0.3520

Sweetspot

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



66.8680, 0.2886, 0.3097



93.8632, 0.3050, 0.3231



75.0208, 0.3006, 0.3506



19.9108, 0.3039, 0.3222



0.0000, 0.0000, 0.0000



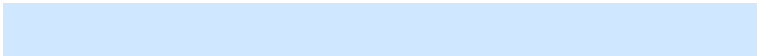
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8680, 0.2886, 0.3097



78.1438, 0.2827, 0.3046



58.2881, 0.2878, 0.2891



15.8594, 0.2981, 0.3175



11.5530, 0.1796, 0.1667



1.0997, 0.1863, 0.1908

Inverse Universe

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



62.2585, 0.3271, 0.3086



71.4951, 0.3312, 0.3035



78.9771, 0.3360, 0.3660



15.1864, 0.3211, 0.3167



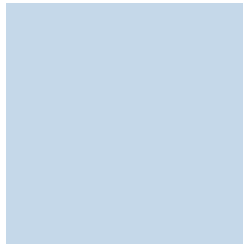
10.6591, 0.4848, 0.2444



0.8564, 0.4559, 0.2285

Previews

White Background



This preview shows how the Yxy color 66.8652, 0.2886, 0.3097 looks on a white background.

Color Contrast Check

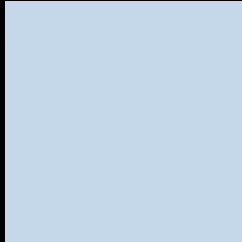
Large Text (above 18pt) WCAG AA × Fail

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 66.8652, 0.2886, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

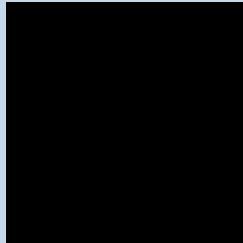
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

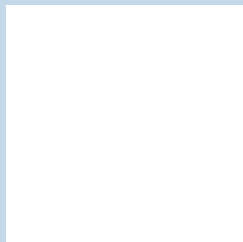
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8652, 0.2886, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 66.8652, 0.2886, 0.3097.

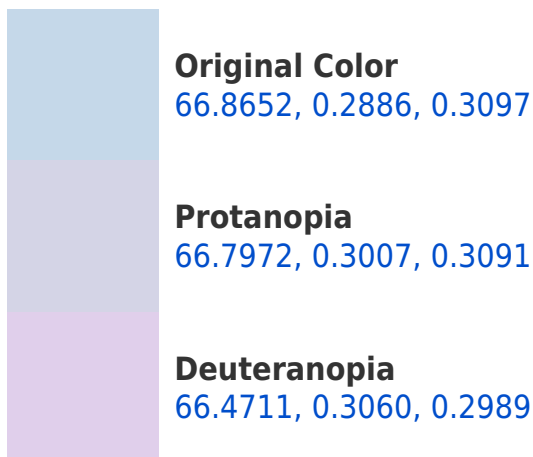


This preview shows how white text looks on a background with the Yxy color 66.8652, 0.2886, 0.3097.

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

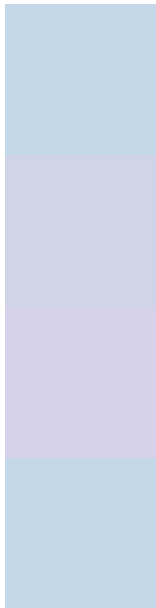




Tritanopia

66.8652, 0.2886, 0.3097

Trichromacy



Original Color

66.8652, 0.2886, 0.3097

Protanomaly

66.6234, 0.2965, 0.3089

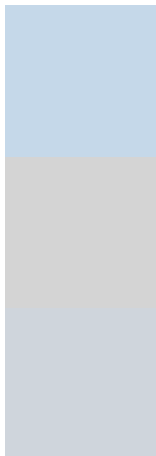
Deuteranomaly

66.3298, 0.2995, 0.3027

Tritanomaly

66.8652, 0.2886, 0.3097

Monochromacy



Original Color

66.8652, 0.2886, 0.3097

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.0212, 0.3037, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8652, 0.2886, 0.3097 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(197, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 233)  
}
```

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(197, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 233) }
```

Border

The CSS property to change the border of an element to Yxy 66.8652, 0.2886, 0.3097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

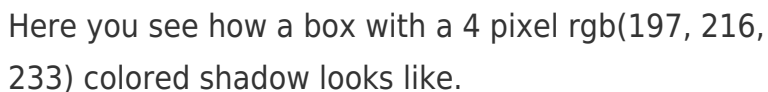
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 216, 233) }
```

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

```
.border{ border-color:rgb(197, 216, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(197, 216,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8652, 0.2886, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 233) }
```

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

```
.background{ background-color: rgb(197,  
216, 233) }
```

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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