

Converting Colors

Yxy(67.6103, 0.2880, 0.3088)

Have a look what the booklet for
Yxy(67.6103, 0.2880, 0.3088)
contains.

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Color

Yxy(67.6296, 0.2880, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	C6D9EB
RGB	198, 217, 235
RGB Percent	78%, 85%, 92%
CMY	0.2237, 0.1490, 0.0783
CMYK	0.16, 0.08, 0.00, 0.08
HSL	209°, 48%, 85%
HSV	209°, 16%, 92%
XYZ	63.0947, 67.6296, 88.3544
YIQ	213.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

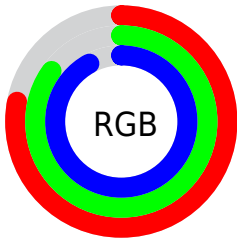
Format	Color
RYB	198, 211, 235
Decimal	13031915
CIELab	85.82, -2.71, -10.99
CIELCh	86, 11.323, 256.131
Yxy	67.6296, 0.2880, 0.3087
Android (android.graphics.Color)	4291221995 (0xFFC6D9EB)
YUV	213.3710, 10.6631, -13.4804
Hunter-Lab	82.2372, -6.9650, -6.1342

Details

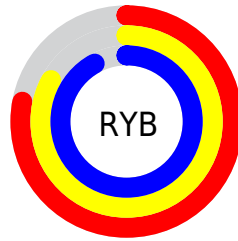
The Yxy color **67.6296, 0.2880, 0.3087** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8555, 0.3395, 0.3485**, and the grayscale version is **66.7361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0246, 0.2824, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **58.9921, 0.2718, 0.2940**, and if you desaturate by 10%, it is **77.1765, 0.3038, 0.3220**.

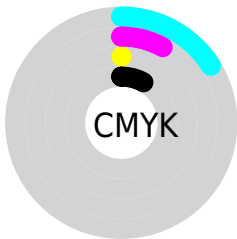
Distribution



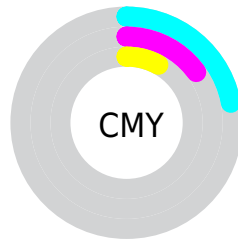
- Red (78%)
- Green (85%)
- Blue (92%)



- Red (78%)
- Yellow (83%)
- Blue (92%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6296, 0.2880, 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 67.6296, 0.2880, 0.3087 by changing the saturation by 10% instead.

■ 67.6296, 0.2880,
0.3087

■ 67.6296, 0.2880,
0.3087

452.1826, 0.2995,
0.3182

■ 49.5965, 0.2854,
0.3065

115.8221, 0.2920,
0.3120

■ 35.0929, 0.2821,
0.3037

146.7502, 0.2936,
0.3133

■ 23.7344, 0.2779,
0.3002

182.7455, 0.2949,
0.3144

■ 15.1367, 0.2724,
0.2956

224.1923, 0.2961,
0.3154

■ 8.9154, 0.2649,
0.2891

271.4750, 0.2971,
0.3162

■ 4.6860, 0.2541,
0.2797

324.9780, 0.2980,

■ 2.0643, 0.2369,

0.3170

0.2647

385.0857, 0.2988,
0.3177

0.6444, 0.1983,
0.2340

0.0000, 0.0000,
0.0000

67.6296, 0.2880,
0.3087

67.6296, 0.2880,
0.3087

58.9921, 0.2718,
0.2940

77.1765, 0.3038,
0.3220

51.2247, 0.2554,
0.2779

87.6536, 0.3191,
0.3338

44.2970, 0.2394,
0.2605

96.4448, 0.3247,
0.3448

38.1736, 0.2241,
0.2422

98.7804, 0.3244,
0.3483

■ 32.8158, 0.2101,
0.2232

■ 28.1806, 0.1979,
0.2040

■ 24.2192, 0.1880,
0.1851

■ 20.8733, 0.1804,
0.1672

■ 19.6083, 0.1777,
0.1598

Harmonies

Analogous

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



67.6296, 0.2860, 0.3176



67.6296, 0.2880, 0.3087



67.6296, 0.2965, 0.3053

Triad

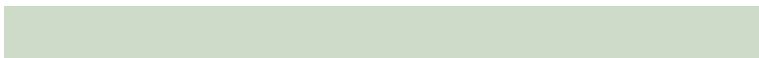
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6296, 0.2880, 0.3087



67.6296, 0.3349, 0.3274



67.6296, 0.3155, 0.3512

Complementary

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



67.6296, 0.2880, 0.3087



70.8555, 0.3395, 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.



67.6296, 0.3288, 0.3535



67.6296, 0.2880, 0.3087



67.6296, 0.3402, 0.3394

Square

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



67.6296, 0.2880, 0.3087



67.6296, 0.3236, 0.3161



67.6296, 0.3379, 0.3490



67.6296, 0.3017, 0.3425

Rectangle

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



67.6296, 0.2880, 0.3087



67.6296, 0.3048, 0.3065



67.6296, 0.3379, 0.3490



67.6296, 0.3202, 0.3527

Sweetspot

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



67.6324, 0.2880, 0.3087



93.7686, 0.3050, 0.3229



76.3927, 0.3000, 0.3505



19.8878, 0.3039, 0.3220



0.0000, 0.0000, 0.0000



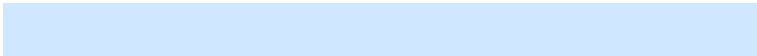
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6324, 0.2880, 0.3087



77.8167, 0.2827, 0.3040



58.6585, 0.2871, 0.2874



15.8285, 0.2981, 0.3172



11.1658, 0.1785, 0.1626



1.0694, 0.1853, 0.1872

Inverse Universe

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



63.0528, 0.3278, 0.3086



71.4621, 0.3316, 0.3041



80.8306, 0.3365, 0.3675



15.1832, 0.3212, 0.3170



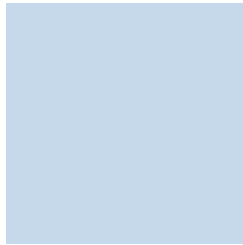
10.6200, 0.4899, 0.2472



0.8534, 0.4601, 0.2308

Previews

White Background



This preview shows how the Yxy color 67.6296, 0.2880, 0.3087 looks on a white background.

Color Contrast Check

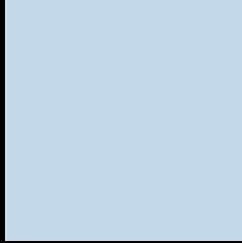
Large Text (above 18pt) WCAG AA × Fail

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 67.6296, 0.2880, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

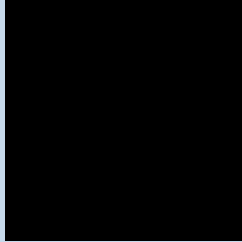
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

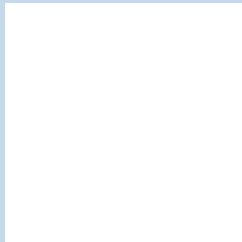
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6296, 0.2880, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 67.6296, 0.2880, 0.3087.



This preview shows how white text looks on a background with the Yxy color 67.6296, 0.2880, 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



Original Color

67.6296, 0.2880, 0.3087

Protanopia

67.5608, 0.3001, 0.3081

Deuteranopia

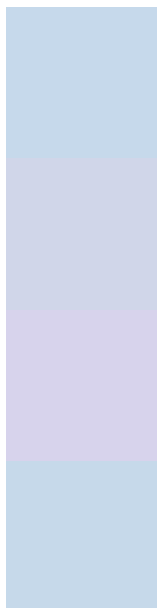
67.2337, 0.3054, 0.2980



Tritanopia

67.5720, 0.2887, 0.3098

Trichromacy



Original Color

67.6296, 0.2880, 0.3087

Protanomaly

67.3862, 0.2960, 0.3079

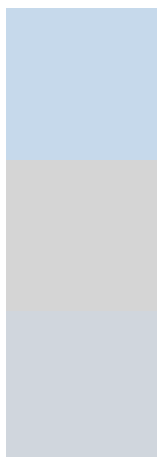
Deuteranomaly

67.0917, 0.2989, 0.3017

Tritanomaly

67.5720, 0.2887, 0.3098

Monochromacy



Original Color

67.6296, 0.2880, 0.3087

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7235, 0.3037, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6296, 0.2880, 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(198, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 217, 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(198, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 217, 235) }
```

Border

The CSS property to change the border of an element to Yxy 67.6296, 0.2880, 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(198, 217, 235) }
```

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

```
.border{ border-color:rgb(198, 217, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 217,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6296, 0.2880, 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(198, 217, 235) }
```

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

```
.background{ background-color: rgb(198,  
217, 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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