

Converting Colors

Yxy(67.9377, 0.2894, 0.3049)

Have a look what the booklet for
Yxy(67.9377, 0.2894, 0.3049)
contains.

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Color

Yxy(67.9813, 0.2895, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	CBD8EE
RGB	203, 216, 238
RGB Percent	80%, 85%, 93%
CMY	0.2040, 0.1529, 0.0667
CMYK	0.15, 0.09, 0.00, 0.07
HSL	218°, 51%, 86%
HSV	218°, 15%, 93%
XYZ	64.6112, 67.9813, 90.5897
YIQ	214.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

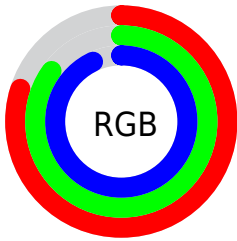
Format	Color
R _Y B	203, 212, 238
Decimal	13359342
CIE Lab	86.00, -0.01, -12.25
CIE LCh	86, 12.249, 269.969
Yxy	67.9813, 0.2895, 0.3046
Android (android.graphics.Color)	4291549422 (0xFFC8D8EE)
YUV	214.6210, 11.5258, -10.1916
Hunter-Lab	82.4508, -4.4101, -7.4271

Details

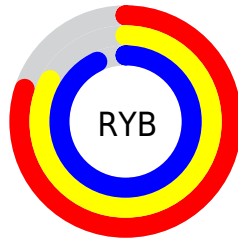
The Yxy color **67.9813, 0.2895, 0.3046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3108, 0.3367, 0.3523**, and the grayscale version is **67.6132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2567, 0.2843, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **57.5848, 0.2726, 0.2856**, and if you desaturate by 10%, it is **79.5923, 0.3055, 0.3217**.

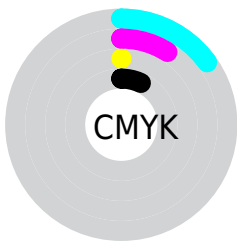
Distribution



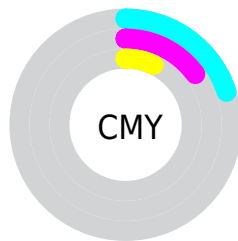
- Red (80%)
- Green (85%)
- Blue (93%)



- Red (80%)
- Yellow (83%)
- Blue (93%)



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



- Cyan (20%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9813, 0.2895, 0.3046 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 67.9813, 0.2895, 0.3046 by changing the saturation by 10% instead.

■ 67.9813, 0.2895,
0.3046

■ 67.9813, 0.2895,
0.3046

453.4298, 0.3003,
0.3160

■ 49.8825, 0.2870,
0.3020

116.3254, 0.2933,
0.3086

■ 35.3201, 0.2839,
0.2987

147.3395, 0.2947,
0.3101

■ 23.9095, 0.2800,
0.2946

183.4275, 0.2960,
0.3114

■ 15.2665, 0.2748,
0.2892

224.9738, 0.2971,
0.3126

■ 9.0067, 0.2678,
0.2817

272.3628, 0.2980,
0.3136

■ 4.7455, 0.2575,
0.2710

325.9788, 0.2989,

■ 2.0987, 0.2414,

0.3145

0.2540

386.2064, 0.2997,
0.3153

0.6639, 0.2093,
0.2203

0.0000, 0.0000,
0.0000

67.9813, 0.2895,
0.3046

67.9813, 0.2895,
0.3046

57.5848, 0.2726,
0.2856

79.5923, 0.3055,
0.3217

48.3526, 0.2551,
0.2646

92.4488, 0.3205,
0.3368

40.2432, 0.2374,
0.2420

98.9519, 0.3226,
0.3454

33.2090, 0.2202,
0.2181

■ 27.1988, 0.2040,
0.1936

■ 22.1561, 0.1897,
0.1694

■ 18.0180, 0.1779,
0.1463

■ 14.7107, 0.1691,
0.1255

■ 13.2477, 0.1654,
0.1156

Harmonies

Analogous

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



67.9813, 0.2840, 0.3116



67.9813, 0.2895, 0.3046



67.9813, 0.3012, 0.3041

Triad

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



67.9813, 0.2895, 0.3046



67.9813, 0.3403, 0.3333



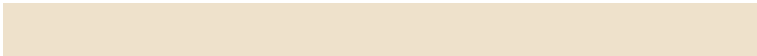
67.9813, 0.3086, 0.3494

Complementary

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



67.9813, 0.2895, 0.3046



76.3108, 0.3367, 0.3523

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.



67.9813, 0.3238, 0.3553



67.9813, 0.2895, 0.3046



67.9813, 0.3423, 0.3455

Square

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



67.9813, 0.2895, 0.3046



67.9813, 0.3307, 0.3204



67.9813, 0.3362, 0.3537



67.9813, 0.2948, 0.3376

Rectangle

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



67.9813, 0.2895, 0.3046



67.9813, 0.3111, 0.3073



67.9813, 0.3362, 0.3537



67.9813, 0.3137, 0.3521

Sweetspot

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



67.9841, 0.2895, 0.3046



94.0989, 0.3066, 0.3228



79.2451, 0.2981, 0.3437



19.9092, 0.3054, 0.3215



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.



67.9841, 0.2895, 0.3046



75.2835, 0.2839, 0.2984



62.1520, 0.2919, 0.2901



16.1926, 0.2980, 0.3138



7.6196, 0.1662, 0.1184



0.8185, 0.1735, 0.1446

Inverse Universe

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



65.8372, 0.3303, 0.3152



72.4112, 0.3351, 0.3119



82.9244, 0.3319, 0.3658



15.8562, 0.3235, 0.3202



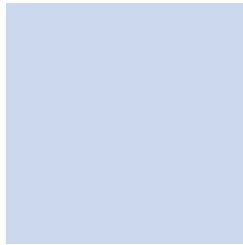
10.5626, 0.5489, 0.2797



0.8973, 0.5130, 0.2600

Previews

White Background



This preview shows how the Yxy color 67.9813, 0.2895, 0.3046 looks on a white background.

Color Contrast Check

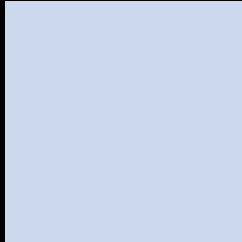
Large Text (above 18pt) WCAG AA × Fail

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 67.9813, 0.2895, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

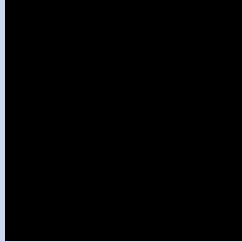
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

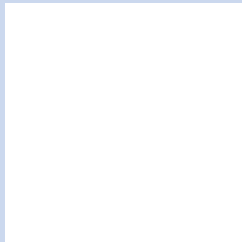
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9813, 0.2895, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 67.9813, 0.2895, 0.3046.



This preview shows how white text looks on a background with the Yxy color 67.9813, 0.2895, 0.3046.

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

67.9813, 0.2895, 0.3046

Protanopia

67.6417, 0.2968, 0.3038

Deuteranopia

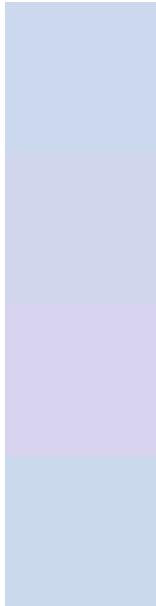
67.6802, 0.3033, 0.2970



Tritanopia

68.1228, 0.2913, 0.3100

Trichromacy



Original Color

67.9813, 0.2895, 0.3046

Protanomaly

67.7629, 0.2941, 0.3037

Deuteranomaly

67.9179, 0.2977, 0.2998

Tritanomaly

68.1804, 0.2907, 0.3089

Monochromacy



Original Color

67.9813, 0.2895, 0.3046

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7775, 0.3045, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9813, 0.2895, 0.3046 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(203, 216, 238)` looks like.

```
.text, #text, p{  
    color:rgb(203, 216, 238)  
}
```

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(203, 216, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 216, 238) }
```

Border

The CSS property to change the border of an element to Yxy 67.9813, 0.2895, 0.3046 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(203, 216, 238) }
```

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

```
.border{ border-color:rgb(203, 216, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 216, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 216, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 216, 238);  
box-shadow:4px 4px 4px 4px rgb(203, 216,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9813, 0.2895, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 216, 238) }
```

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

```
.background{ background-color: rgb(203,  
216, 238) }
```

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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