

Converting Colors

Yxy(68.4981, 0.2993, 0.3195)

Have a look what the booklet for
Yxy(68.4981, 0.2993, 0.3195)
contains.

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Color

Yxy(68.2385, 0.2991, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	CED9E2
RGB	206, 217, 226
RGB Percent	81%, 85%, 89%
CMY	0.1920, 0.1490, 0.1138
CMYK	0.09, 0.04, 0.00, 0.11
HSL	207°, 26%, 85%
HSV	207°, 9%, 89%
XYZ	64.0017, 68.2385, 81.7407
YIQ	214.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

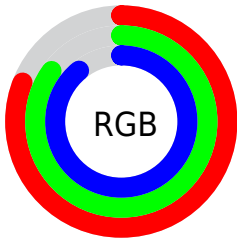
Format	Color
R _{YB}	206, 213, 226
Decimal	13556194
CIE _{Lab}	86.13, -1.95, -5.69
CIE _{LCh}	86, 6.016, 251.112
Yxy	68.2385, 0.2991, 0.3189
Android (android.graphics.Color)	4291746274 (0xFFCED9E2)
YUV	214.7370, 5.5527, -7.6623
Hunter-Lab	82.6066, -6.2639, -0.8439

Details

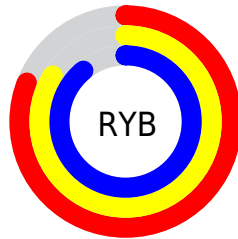
The Yxy color **68.2385, 0.2991, 0.3189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2474, 0.3270, 0.3389**, and the grayscale version is **67.7401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4563, 0.2958, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **60.1418, 0.2832, 0.3062**, and if you desaturate by 10%, it is **77.1306, 0.3145, 0.3303**.

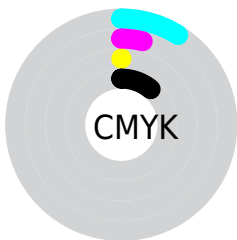
Distribution



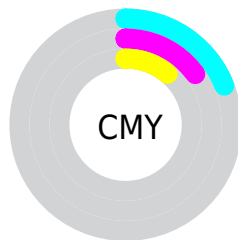
- Red (81%)
- Green (85%)
- Blue (89%)



- Red (81%)
- Yellow (84%)
- Blue (89%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2385, 0.2991, 0.3189 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 68.2385, 0.2991, 0.3189 by changing the saturation by 10% instead.

■ 68.2385, 0.2991,
0.3189

■ 68.2385, 0.2991,
0.3189

454.3406, 0.3055,
0.3237

■ 50.0918, 0.2976,
0.3178

116.6933, 0.3013,
0.3206

■ 35.4863, 0.2958,
0.3164

147.7701, 0.3022,
0.3212

■ 24.0377, 0.2935,
0.3147

183.9258, 0.3029,
0.3218

■ 15.3616, 0.2904,
0.3123

225.5447, 0.3036,
0.3222

■ 9.0736, 0.2862,
0.3091

273.0113, 0.3041,
0.3227

■ 4.7892, 0.2801,
0.3044

326.7098, 0.3046,

■ 2.1241, 0.2702,

0.3230

0.2966

387.0248, 0.3051,
0.3234

0.6781, 0.2465,
0.2800

0.0000, 0.0000,
0.0000

68.2385, 0.2991,
0.3189

68.2385, 0.2991,
0.3189

60.1418, 0.2832,
0.3062

77.1306, 0.3145,
0.3303

52.8063, 0.2672,
0.2923

86.8337, 0.3292,
0.3404

46.2077, 0.2512,
0.2771

93.6231, 0.3306,
0.3501

40.3171, 0.2358,
0.2608

98.2704, 0.3298,
0.3572

■ 35.1030, 0.2214,
0.2437

■ 30.5310, 0.2084,
0.2261

■ 26.5628, 0.1974,
0.2084

■ 23.1538, 0.1886,
0.1910

■ 20.2396, 0.1820,
0.1743

Harmonies

Analogous

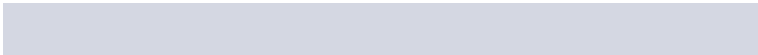
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.2385, 0.2986, 0.3241



68.2385, 0.2991, 0.3189



68.2385, 0.3032, 0.3165

Triad

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



68.2385, 0.2991, 0.3189



68.2385, 0.3236, 0.3272



68.2385, 0.3155, 0.3411

Complementary

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



68.2385, 0.2991, 0.3189



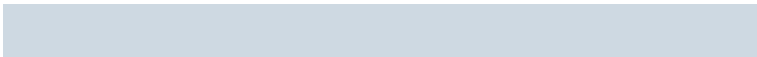
69.2474, 0.3270, 0.3389

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.



68.2385, 0.3223, 0.3418



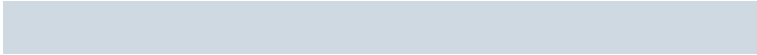
68.2385, 0.2991, 0.3189



68.2385, 0.3270, 0.3336

Square

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



68.2385, 0.2991, 0.3189



68.2385, 0.3173, 0.3212



68.2385, 0.3265, 0.3390



68.2385, 0.3081, 0.3370

Rectangle

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



68.2385, 0.2991, 0.3189



68.2385, 0.3074, 0.3167



68.2385, 0.3265, 0.3390



68.2385, 0.3179, 0.3417

Sweetspot

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



68.2414, 0.2991, 0.3189



96.3960, 0.3081, 0.3257



72.4225, 0.3060, 0.3413



20.4301, 0.3069, 0.3247



0.0000, 0.0000, 0.0000



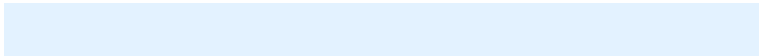
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2414, 0.2991, 0.3189



87.2545, 0.2956, 0.3162



63.2654, 0.2991, 0.3076



14.4843, 0.2981, 0.3182



11.6062, 0.1820, 0.1750



0.9826, 0.1891, 0.2008

Inverse Universe

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



65.3412, 0.3201, 0.3171



82.6026, 0.3222, 0.3139



74.4715, 0.3259, 0.3496



13.8258, 0.3207, 0.3162



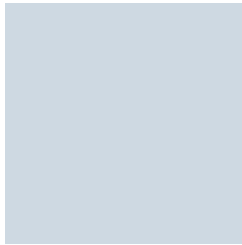
10.0797, 0.4746, 0.2388



0.7167, 0.4444, 0.2222

Previews

White Background



This preview shows how the Yxy color 68.2385, 0.2991, 0.3189 looks on a white background.

Color Contrast Check

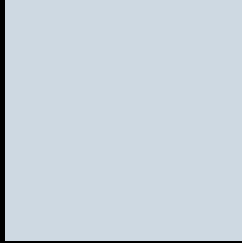
Large Text (above 18pt) WCAG AA × Fail

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 68.2385, 0.2991, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

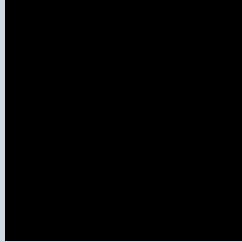
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

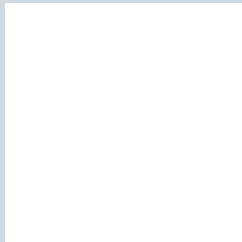
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2385, 0.2991, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 68.2385, 0.2991, 0.3189.

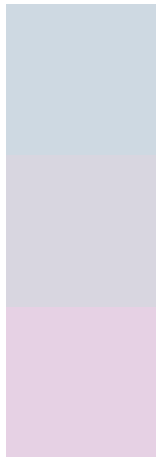


This preview shows how white text looks on a background with the Yxy color 68.2385, 0.2991, 0.3189.

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

68.2385, 0.2991, 0.3189

Protanopia

68.0739, 0.3074, 0.3180

Deuteranopia

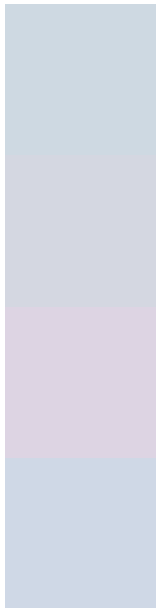
68.0254, 0.3151, 0.3087



Tritanopia

68.2603, 0.2953, 0.3101

Trichromacy



Original Color

68.2385, 0.2991, 0.3189

Protanomaly

68.0342, 0.3039, 0.3179

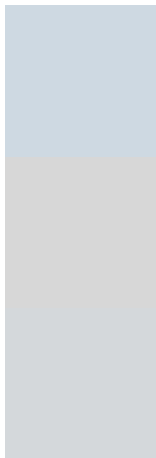
Deuteranomaly

68.0052, 0.3091, 0.3127

Tritanomaly

68.0903, 0.2972, 0.3134

Monochromacy



Original Color

68.2385, 0.2991, 0.3189

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.2233, 0.3078, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2385, 0.2991, 0.3189 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(206, 217, 226)` looks like.

```
.text, #text, p{  
    color:rgb(206, 217, 226)  
}
```

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(206, 217, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 217, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.2385, 0.2991, 0.3189 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(206, 217, 226) }
```

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

```
.border{ border-color:rgb(206, 217, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 217, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 217, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 217, 226);  
box-shadow:4px 4px 4px 4px rgb(206, 217,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2385, 0.2991, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 217, 226) }
```

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

```
.background{ background-color: rgb(206,  
217, 226) }
```

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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