

Converting Colors

Yxy(67.4394, 0.3018, 0.3159)

Have a look what the booklet for
Yxy(67.4394, 0.3018, 0.3159)
contains.

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Color

Yxy(67.2858, 0.3019, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	D2D6E2
RGB	210, 214, 226
RGB Percent	82%, 84%, 89%
CMY	0.1762, 0.1608, 0.1137
CMYK	0.07, 0.05, 0.00, 0.11
HSL	225°, 22%, 86%
HSV	225°, 7%, 89%
XYZ	64.3650, 67.2858, 81.5489
YIQ	214.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

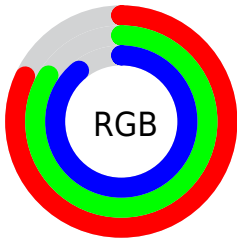
Format	Color
R _Y B	210, 213, 226
Decimal	13817570
CIE Lab	85.65, 0.94, -6.37
CIE LCh	86, 6.441, 278.377
Yxy	67.2858, 0.3019, 0.3156
Android (android.graphics.Color)	4292007650 (0xFFD2D6E2)
YUV	214.1720, 5.8312, -3.6588
Hunter-Lab	82.0279, -3.4850, -1.5242

Details

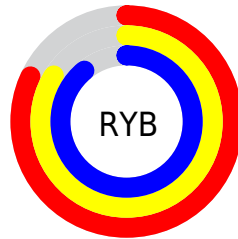
The Yxy color **67.2858, 0.3019, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1087, 0.3235, 0.3421**, and the grayscale version is **67.3373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8045, 0.2994, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **56.0263, 0.2854, 0.2945**, and if you desaturate by 10%, it is **79.9209, 0.3170, 0.3342**.

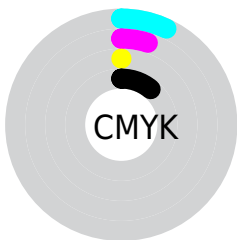
Distribution



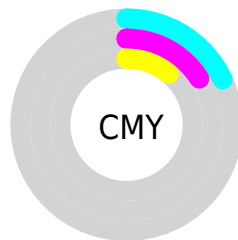
- Red (82%)
- Green (84%)
- Blue (89%)



- Red (82%)
- Yellow (84%)
- Blue (89%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2858, 0.3019, 0.3156 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 67.2858, 0.3019, 0.3156 by changing the saturation by 10% instead.

■ 67.2858, 0.3019,
0.3156

■ 67.2858, 0.3019,
0.3156

450.9614, 0.3070,
0.3219

■ 49.3169, 0.3007,
0.3141

115.3298, 0.3037,
0.3178

■ 34.8709, 0.2993,
0.3123

146.1738, 0.3044,
0.3186

■ 23.5635, 0.2974,
0.3100

182.0782, 0.3050,
0.3194

■ 15.0101, 0.2949,
0.3070

223.4275, 0.3055,
0.3200

■ 8.8265, 0.2915,
0.3028

270.6061, 0.3059,
0.3206

■ 4.6282, 0.2864,
0.2967

323.9983, 0.3063,

■ 2.0308, 0.2783,

0.3210

0.2868

383.9886, 0.3067,
0.3215

0.6253, 0.2595,
0.2629

0.0000, 0.0000,
0.0000

67.2858, 0.3019,
0.3156

67.2858, 0.3019,
0.3156

56.0263, 0.2854,
0.2945

79.9209, 0.3170,
0.3342

46.0869, 0.2677,
0.2710

93.9185, 0.3306,
0.3506

37.4204, 0.2491,
0.2452

98.2712, 0.3298,
0.3572

29.9739, 0.2300,
0.2176

■ 23.6904, 0.2114,
0.1890

■ 18.5080, 0.1941,
0.1606

■ 14.3589, 0.1790,
0.1338

■ 11.1664, 0.1672,
0.1102

■ 8.8393, 0.1592,
0.0910

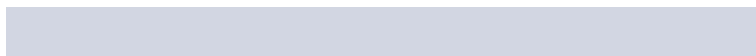
Harmonies

Analogous

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



67.2858, 0.2979, 0.3185



67.2858, 0.3019, 0.3156



67.2858, 0.3089, 0.3162

Triad

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



67.2858, 0.3019, 0.3156



67.2858, 0.3279, 0.3334



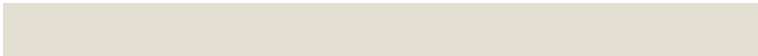
67.2858, 0.3084, 0.3382

Complementary

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



67.2858, 0.3019, 0.3156



73.1087, 0.3235, 0.3421

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.



67.2858, 0.3164, 0.3422



67.2858, 0.3019, 0.3156



67.2858, 0.3278, 0.3393

Square

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



67.2858, 0.3019, 0.3156



67.2858, 0.3239, 0.3264



67.2858, 0.3236, 0.3426



67.2858, 0.3016, 0.3316

Rectangle

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



67.2858, 0.3019, 0.3156



67.2858, 0.3142, 0.3185



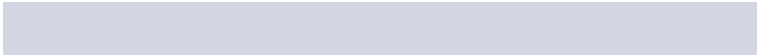
67.2858, 0.3236, 0.3426



67.2858, 0.3111, 0.3399

Sweetspot

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



67.2886, 0.3019, 0.3156



96.6177, 0.3097, 0.3253



73.3805, 0.3043, 0.3334



20.7157, 0.3099, 0.3255



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.



67.2886, 0.3019, 0.3156



86.9143, 0.3003, 0.3136



65.9169, 0.3048, 0.3113



13.7891, 0.2981, 0.3108



4.8858, 0.1580, 0.0886



0.4785, 0.1661, 0.1180

Inverse Universe

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



67.1465, 0.3219, 0.3247



86.7169, 0.3233, 0.3241



74.5838, 0.3203, 0.3464



13.7556, 0.3253, 0.3232



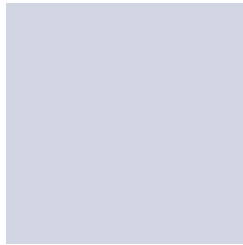
9.4013, 0.5933, 0.3042



0.6658, 0.5494, 0.2800

Previews

White Background



This preview shows how the Yxy color 67.2858, 0.3019, 0.3156 looks on a white background.

Color Contrast Check

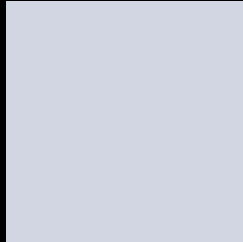
Large Text (above 18pt) WCAG AA × Fail

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 67.2858, 0.3019, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

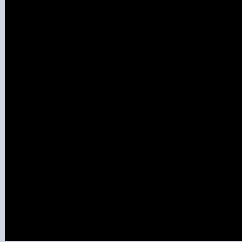
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

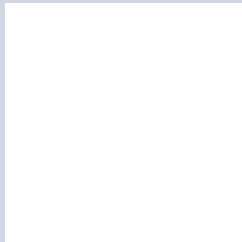
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2858, 0.3019, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 67.2858, 0.3019, 0.3156.

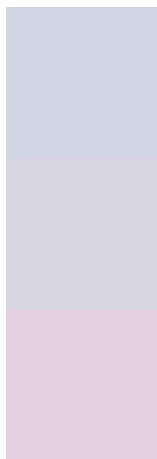


This preview shows how white text looks on a background with the Yxy color 67.2858, 0.3019, 0.3156.

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

67.2858, 0.3019, 0.3156

Protanopia

67.3209, 0.3054, 0.3157

Deuteranopia

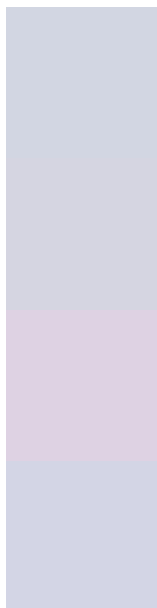
67.3158, 0.3152, 0.3087



Tritanopia

67.1506, 0.3000, 0.3102

Trichromacy



Original Color

67.2858, 0.3019, 0.3156

Protanomaly

67.1709, 0.3047, 0.3157

Deuteranomaly

67.1688, 0.3099, 0.3105

Tritanomaly

67.0945, 0.3006, 0.3113

Monochromacy



Original Color

67.2858, 0.3019, 0.3156

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3012, 0.3093, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2858, 0.3019, 0.3156 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(210, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 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(210, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 226) }
```

Border

The CSS property to change the border of an element to Yxy 67.2858, 0.3019, 0.3156 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(210, 214, 226) }
```

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

```
.border{ border-color:rgb(210, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2858, 0.3019, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 226) }
```

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

```
.background{ background-color: rgb(210,  
214, 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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