

Converting Colors

Yxy(67.0361, 0.3017, 0.3132)

Have a look what the booklet for
Yxy(67.0361, 0.3017, 0.3132)
contains.

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Color

Yxy(66.9834, 0.3019, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	D3D5E3
RGB	211, 213, 227
RGB Percent	83%, 84%, 89%
CMY	0.1726, 0.1647, 0.1097
CMYK	0.07, 0.06, 0.00, 0.11
HSL	232°, 22%, 86%
HSV	232°, 7%, 89%
XYZ	64.5255, 66.9834, 82.2224
YIQ	213.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

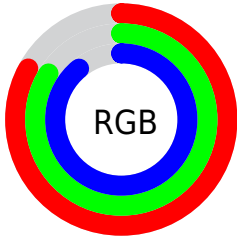
Format	Color
R _Y B	211, 213, 227
Decimal	13882851
CIE Lab	85.50, 1.96, -7.13
CIE LCh	85, 7.399, 285.366
Yxy	66.9834, 0.3019, 0.3134
Android (android.graphics.Color)	4292072931 (0xFFD3D5E3)
YUV	213.9980, 6.4100, -2.6292
Hunter-Lab	81.8434, -2.4962, -2.2742

Details

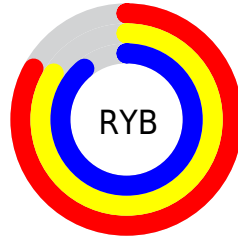
The Yxy color **66.9834, 0.3019, 0.3134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9024, 0.3233, 0.3441**, and the grayscale version is **67.2049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5002, 0.2986, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **54.4788, 0.2851, 0.2888**, and if you desaturate by 10%, it is **81.1910, 0.3170, 0.3351**.

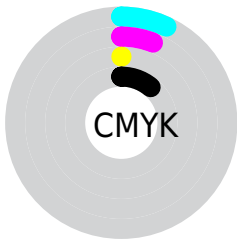
Distribution



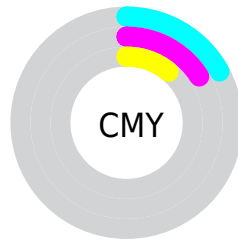
- Red (83%)
- Green (84%)
- Blue (89%)



- Red (83%)
- Yellow (84%)
- Blue (89%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9834, 0.3019, 0.3134 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 66.9834, 0.3019, 0.3134 by changing the saturation by 10% instead.

■ 66.9834, 0.3019,
0.3134

■ 66.9834, 0.3019,
0.3134

449.8857, 0.3070,
0.3207

■ 49.0711, 0.3007,
0.3117

114.8966, 0.3037,
0.3159

■ 34.6759, 0.2992,
0.3096

145.6664, 0.3044,
0.3169

■ 23.4133, 0.2974,
0.3070

181.4907, 0.3050,
0.3178

■ 14.8990, 0.2949,
0.3034

222.7541, 0.3055,
0.3185

■ 8.7485, 0.2914,
0.2986

269.8409, 0.3059,
0.3192

■ 4.5775, 0.2863,
0.2915

323.1355, 0.3063,

■ 2.0016, 0.2780,

0.3197

0.2802

383.0223, 0.3067,
0.3202

0.6084, 0.2599,
0.2525

0.0000, 0.0000,
0.0000

66.9834, 0.3019,
0.3134

66.9834, 0.3019,
0.3134

54.4788, 0.2851,
0.2888

81.1910, 0.3170,
0.3351

43.6048, 0.2667,
0.2613

96.8863, 0.3294,
0.3540

34.2965, 0.2470,
0.2312

98.3277, 0.3291,
0.3562

26.4814, 0.2267,
0.1994

■ 20.0810, 0.2066,
0.1671

■ 15.0099, 0.1881,
0.1361

■ 11.1731, 0.1725,
0.1087

■ 8.4626, 0.1608,
0.0866

■ 6.7488, 0.1538,
0.0714

Harmonies

Analogous

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



66.9834, 0.2963, 0.3158



66.9834, 0.3019, 0.3134



66.9834, 0.3104, 0.3151

Triad

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



66.9834, 0.3019, 0.3134



66.9834, 0.3307, 0.3358



66.9834, 0.3057, 0.3380

Complementary

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



66.9834, 0.3019, 0.3134



74.9024, 0.3233, 0.3441

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.



66.9834, 0.3148, 0.3435



66.9834, 0.3019, 0.3134



66.9834, 0.3293, 0.3421

Square

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



66.9834, 0.3019, 0.3134



66.9834, 0.3271, 0.3278



66.9834, 0.3235, 0.3450



66.9834, 0.2985, 0.3300

Rectangle

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



66.9834, 0.3019, 0.3134



66.9834, 0.3166, 0.3182



66.9834, 0.3235, 0.3450



66.9834, 0.3087, 0.3402

Sweetspot

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



66.9862, 0.3019, 0.3134



96.2317, 0.3097, 0.3247



74.2338, 0.3031, 0.3313



20.6370, 0.3099, 0.3249



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.



66.9862, 0.3019, 0.3134



85.4710, 0.3003, 0.3111



66.8674, 0.3061, 0.3114



14.1763, 0.2980, 0.3078



3.8212, 0.1527, 0.0696



0.3776, 0.1582, 0.0896

Inverse Universe

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



67.7271, 0.3233, 0.3268



86.5712, 0.3249, 0.3265



75.0539, 0.3190, 0.3465



14.3972, 0.3273, 0.3261



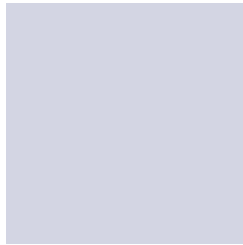
9.5835, 0.6239, 0.3210



0.7178, 0.5918, 0.3034

Previews

White Background



This preview shows how the Yxy color 66.9834, 0.3019, 0.3134 looks on a white background.

Color Contrast Check

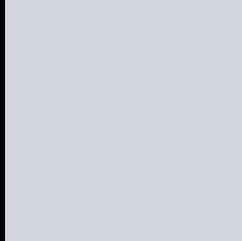
Large Text (above 18pt) WCAG AA × Fail

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 66.9834, 0.3019, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

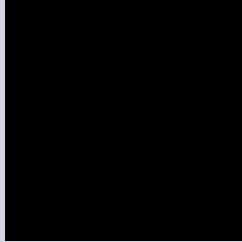
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

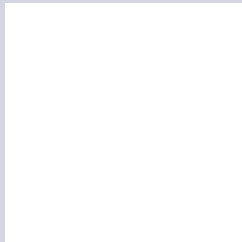
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9834, 0.3019, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 66.9834, 0.3019, 0.3134.

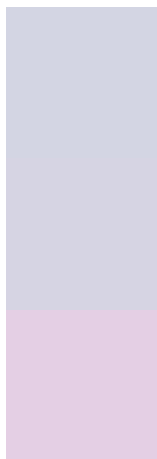


This preview shows how white text looks on a background with the Yxy color 66.9834, 0.3019, 0.3134.

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

66.9834, 0.3019, 0.3134

Protanopia

66.9292, 0.3041, 0.3124

Deuteranopia

66.7211, 0.3138, 0.3065



Tritanopia

67.0945, 0.3006, 0.3113

Trichromacy



Original Color

66.9834, 0.3019, 0.3134

Protanomaly

66.7792, 0.3034, 0.3124

Deuteranomaly

66.7320, 0.3093, 0.3084

Tritanomaly

67.0388, 0.3013, 0.3123

Monochromacy



Original Color

66.9834, 0.3019, 0.3134

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3537, 0.3086, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9834, 0.3019, 0.3134 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(211, 213, 227) looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 227)  
}
```

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(211, 213, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 227) }
```

Border

The CSS property to change the border of an element to Yxy 66.9834, 0.3019, 0.3134 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(211, 213, 227) }
```

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

```
.border{ border-color:rgb(211, 213, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 227);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9834, 0.3019, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 227) }
```

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

```
.background{ background-color: rgb(211,  
213, 227) }
```

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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