

Converting Colors

Yxy(67.9775, 0.3046, 0.3155)

Have a look what the booklet for
Yxy(67.9775, 0.3046, 0.3155)
contains.

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Color

Yxy(67.8803, 0.3047, 0.3157)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D6D6E2 |
| RGB | 214, 214, 226 |
| RGB Percent | 84%, 84%, 89% |
| CMY | 0.1607, 0.1608, 0.1136 |
| CMYK | 0.05, 0.05, 0.00, 0.11 |
| HSL | 240°, 17%, 86% |
| HSV | 240°, 5%, 89% |
| XYZ | 65.5151, 67.8803, 81.6198 |
| YIQ | 215.3680, -3.8520, 3.7320 |

Conversions

Conversions Part 2

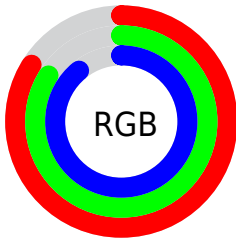
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 214, 214, 226 |
| Decimal | 14079714 |
| CIE Lab | 85.95, 2.25, -5.91 |
| CIE LCh | 86, 6.325, 290.856 |
| Yxy | 67.8803, 0.3047, 0.3157 |
| Android (android.graphics.Color) | 4292269794 (0xFFD6D6E2) |
| YUV | 215.3680, 5.2416, -1.1997 |
| Hunter-Lab | 82.3895, -2.2406, -1.0634 |

Details

The Yxy color **67.8803, 0.3047, 0.3157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4296, 0.3205, 0.3420**, and the grayscale version is **68.1886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1075, 0.3022, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **54.0663, 0.2880, 0.2881**, and if you desaturate by 10%, it is **83.7563, 0.3193, 0.3399**.

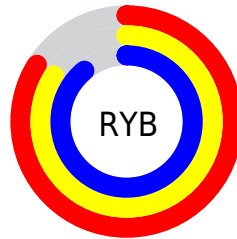
Distribution



Red (84%)

Green (84%)

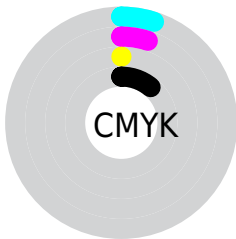
Blue (89%)



Red (84%)

Yellow (84%)

Blue (89%)

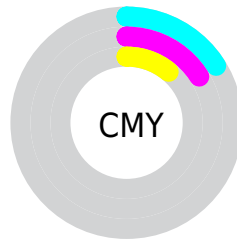


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8803, 0.3047, 0.3157 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 67.8803, 0.3047, 0.3157 by changing the saturation by 10% instead.

■ 67.8803, 0.3047,
0.3157

■ 67.8803, 0.3047,
0.3157

453.0718, 0.3085,
0.3219

■ 49.8004, 0.3038,
0.3143

116.1809, 0.3060,
0.3179

■ 35.2548, 0.3027,
0.3125

147.1703, 0.3065,
0.3187

■ 23.8592, 0.3013,
0.3102

183.2317, 0.3070,
0.3194

■ 15.2292, 0.2995,
0.3073

224.7495, 0.3073,
0.3201

■ 8.9804, 0.2969,
0.3032

272.1079, 0.3077,
0.3206

■ 4.7284, 0.2932,
0.2972

325.6916, 0.3080,

■ 2.0888, 0.2871,

0.3211

0.2877

385.8847, 0.3082,
0.3215

0.6583, 0.2746,
0.2656

0.0000, 0.0000,
0.0000

67.8803, 0.3047,
0.3157

67.8803, 0.3047,
0.3157

54.0663, 0.2880,
0.2881

83.7563, 0.3193,
0.3399

42.2215, 0.2693,
0.2571

98.2725, 0.3297,
0.3571

32.2591, 0.2489,
0.2232

24.0820, 0.2274,
0.1876

■ 17.5848, 0.2060,
0.1523

■ 12.6510, 0.1863,
0.1197

■ 9.1492, 0.1699,
0.0926

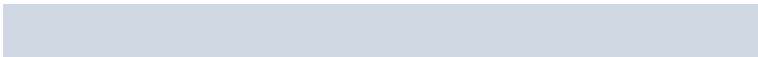
■ 6.9264, 0.1582,
0.0734

■ 5.7951, 0.1518,
0.0629

Harmonies

Analogous

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



67.8803, 0.2994, 0.3172



67.8803, 0.3047, 0.3157



67.8803, 0.3122, 0.3177

Triad

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



67.8803, 0.3047, 0.3157



67.8803, 0.3281, 0.3359



67.8803, 0.3055, 0.3355

Complementary

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



67.8803, 0.3047, 0.3157



75.4296, 0.3205, 0.3420

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.



67.8803, 0.3131, 0.3407



67.8803, 0.3047, 0.3157



67.8803, 0.3262, 0.3408

Square

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



67.8803, 0.3047, 0.3157



67.8803, 0.3258, 0.3293



67.8803, 0.3207, 0.3426



67.8803, 0.2998, 0.3285

Rectangle

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



67.8803, 0.3047, 0.3157



67.8803, 0.3175, 0.3208



67.8803, 0.3207, 0.3426



67.8803, 0.3079, 0.3375

Sweetspot

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



67.8832, 0.3047, 0.3157



95.8377, 0.3098, 0.3241



74.1956, 0.3045, 0.3290



20.5568, 0.3099, 0.3243



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.



67.8832, 0.3047, 0.3157



87.8452, 0.3036, 0.3138



68.7995, 0.3090, 0.3159



14.1101, 0.3027, 0.3124



3.1363, 0.1501, 0.0601



0.2181, 0.1504, 0.0602

Inverse Universe

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



69.7533, 0.3133, 0.3161



90.6205, 0.3134, 0.3144



74.4799, 0.3163, 0.3421



14.6021, 0.3135, 0.3130



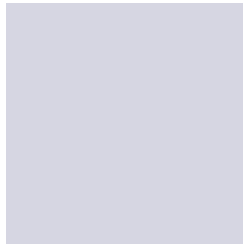
12.3343, 0.3217, 0.1546



0.8552, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 67.8803, 0.3047, 0.3157 looks on a white background.

Color Contrast Check

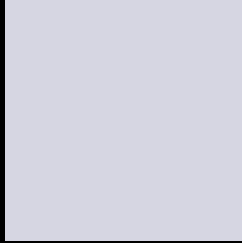
Large Text (above 18pt) WCAG AA × Fail

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 67.8803, 0.3047, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

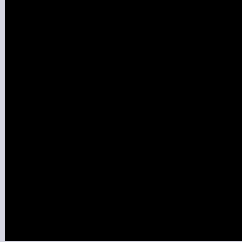
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

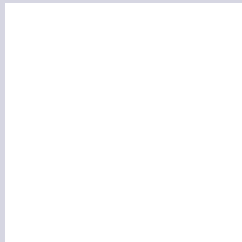
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8803, 0.3047, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 67.8803, 0.3047, 0.3157.

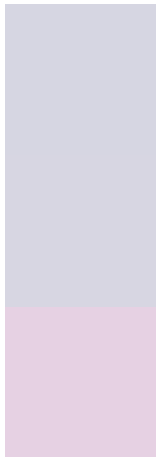


This preview shows how white text looks on a background with the Yxy color 67.8803, 0.3047, 0.3157.

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

67.8803, 0.3047, 0.3157

Protanopia

68.0312, 0.3054, 0.3158

Deuteranopia

67.9700, 0.3158, 0.3098



Tritanopia

67.7487, 0.3028, 0.3103

Trichromacy



Original Color

67.8803, 0.3047, 0.3157

Protanomaly

68.0312, 0.3054, 0.3158

Deuteranomaly

67.9819, 0.3113, 0.3117

Tritanomaly

67.6927, 0.3034, 0.3114

Monochromacy



Original Color

67.8803, 0.3047, 0.3157

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1624, 0.3100, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8803, 0.3047, 0.3157 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(214, 214, 226)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 67.8803, 0.3047, 0.3157 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(214, 214, 226) }
```

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

```
.border{ border-color:rgb(214, 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(214, 214, 226)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 67.8803, 0.3047, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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