

Converting Colors

Yxy(67.6884, 0.3118, 0.3189)

Have a look what the booklet for
Yxy(67.6884, 0.3118, 0.3189)
contains.

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Color

Yxy(67.5765, 0.3118, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	DCD4DE
RGB	220, 212, 222
RGB Percent	86%, 83%, 87%
CMY	0.1370, 0.1687, 0.1293
CMYK	0.01, 0.05, 0.00, 0.13
HSL	288°, 13%, 85%
HSV	288°, 5%, 87%
XYZ	66.2590, 67.5765, 78.6692
YIQ	215.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

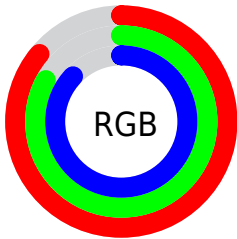
Format	Color
R _Y B	220, 212, 222
Decimal	14472414
CIE Lab	85.79, 4.57, -3.96
CIE LCh	86, 6.048, 319.134
Yxy	67.5765, 0.3118, 0.3180
Android (android.graphics.Color)	4292662494 (0xFFDCD4DE)
YUV	215.5320, 3.1887, 3.9184
Hunter-Lab	82.2049, 0.0163, 0.8035

Details

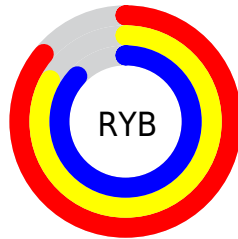
The Yxy color **67.5765, 0.3118, 0.3180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2908, 0.3136, 0.3402**, and the grayscale version is **68.3190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9033, 0.3115, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **56.5670, 0.3094, 0.2927**, and if you desaturate by 10%, it is **80.1354, 0.3137, 0.3419**.

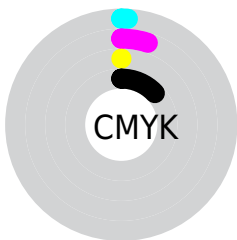
Distribution



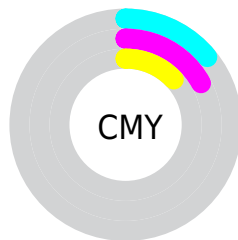
- Red (86%)
- Green (83%)
- Blue (87%)



- Red (86%)
- Yellow (83%)
- Blue (87%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5765, 0.3118, 0.3180 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 67.5765, 0.3118, 0.3180 by changing the saturation by 10% instead.

■ 67.5765, 0.3118,
0.3180

■ 67.5765, 0.3118,
0.3180

451.9941, 0.3123,
0.3231

■ 49.5533, 0.3117,
0.3168

115.7461, 0.3120,
0.3198

■ 35.0586, 0.3116,
0.3154

146.6612, 0.3120,
0.3205

■ 23.7080, 0.3114,
0.3135

182.6425, 0.3121,
0.3211

■ 15.1172, 0.3111,
0.3110

224.0742, 0.3121,
0.3216

■ 8.9017, 0.3108,
0.3077

271.3409, 0.3122,
0.3220

■ 4.6771, 0.3102,
0.3028

324.8268, 0.3122,

■ 2.0591, 0.3093,

0.3225

0.2949

384.9164, 0.3122,
0.3228

0.6415, 0.3085,
0.2744

0.0000, 0.0000,
0.0000

67.5765, 0.3118,
0.3180

67.5765, 0.3118,
0.3180

56.5670, 0.3094,
0.2927

80.1354, 0.3137,
0.3419

47.0362, 0.3065,
0.2665

93.4050, 0.3153,
0.3628

38.9207, 0.3031,
0.2401

94.1238, 0.3180,
0.3625

32.1493, 0.2991,
0.2144

94.8605, 0.3208,
0.3623

■ 26.6443, 0.2947,
0.1903

■ 95.6151, 0.3235,
0.3620

■ 22.3202, 0.2898,
0.1691

■ 96.3878, 0.3263,
0.3617

■ 19.0808, 0.2847,
0.1517

■ 97.1786, 0.3291,
0.3614

■ 16.8143, 0.2795,
0.1386

■ 97.9878, 0.3319,
0.3611

■ 15.3846, 0.2743,
0.1302

■ 98.0548, 0.3321,
0.3611

Harmonies

Analogous

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



67.5765, 0.3047, 0.3162



67.5765, 0.3118, 0.3180



67.5765, 0.3192, 0.3226

Triad

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



67.5765, 0.3118, 0.3180



67.5765, 0.3258, 0.3401



67.5765, 0.3006, 0.3290

Complementary

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



67.5765, 0.3118, 0.3180



71.2908, 0.3136, 0.3402

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.



67.5765, 0.3062, 0.3356



67.5765, 0.3118, 0.3180



67.5765, 0.3207, 0.3420

Square

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



67.5765, 0.3118, 0.3180



67.5765, 0.3274, 0.3353



67.5765, 0.3135, 0.3404



67.5765, 0.2983, 0.3225

Rectangle

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



67.5765, 0.3118, 0.3180



67.5765, 0.3234, 0.3267



67.5765, 0.3135, 0.3404



67.5765, 0.3022, 0.3312

Sweetspot

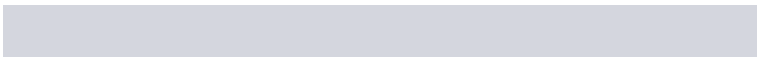
The Sweet Spot groups the original color and five complimentary colors.



67.5794, 0.3118, 0.3180



98.2897, 0.3125, 0.3266



67.3580, 0.3059, 0.3200



21.0561, 0.3125, 0.3267



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.



67.5794, 0.3118, 0.3180



91.6654, 0.3117, 0.3167



67.7261, 0.3153, 0.3213



14.7454, 0.3116, 0.3152



8.8561, 0.2722, 0.1273



0.6488, 0.2801, 0.1317

Inverse Universe

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



67.4632, 0.3188, 0.3269



91.4894, 0.3195, 0.3266



71.1521, 0.3102, 0.3368



14.7135, 0.3205, 0.3263



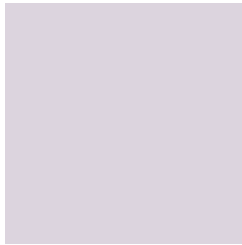
9.3413, 0.6081, 0.3124



0.6600, 0.5661, 0.2892

Previews

White Background



This preview shows how the Yxy color 67.5765, 0.3118, 0.3180 looks on a white background.

Color Contrast Check

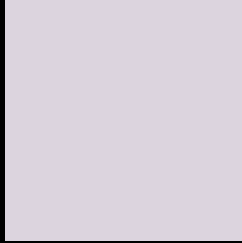
Large Text (above 18pt) WCAG AA × Fail

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 67.5765, 0.3118, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

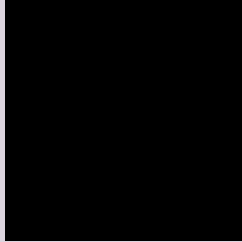
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

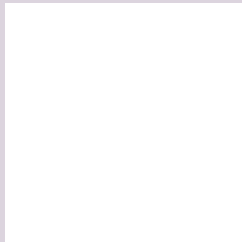
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5765, 0.3118, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 67.5765, 0.3118, 0.3180.

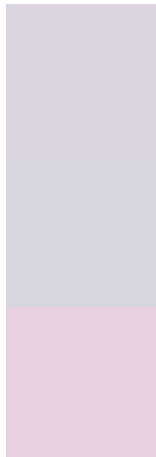


This preview shows how white text looks on a background with the Yxy color 67.5765, 0.3118, 0.3180.

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

67.5765, 0.3118, 0.3180

Protanopia

67.5151, 0.3081, 0.3180

Deuteranopia

67.4284, 0.3195, 0.3130



Tritanopia

67.5621, 0.3085, 0.3105

Trichromacy



Original Color

67.5765, 0.3118, 0.3180

Protanomaly

67.6679, 0.3089, 0.3180

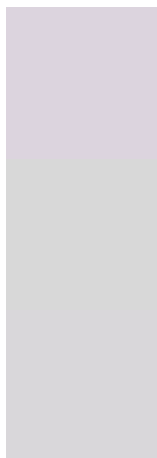
Deuteranomaly

67.2595, 0.3164, 0.3139

Tritanomaly

67.4517, 0.3098, 0.3127

Monochromacy



Original Color

67.5765, 0.3118, 0.3180

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4145, 0.3121, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5765, 0.3118, 0.3180 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(220, 212, 222) looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 222)  
}
```

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(220, 212, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 222) }
```

Border

The CSS property to change the border of an element to Yxy 67.5765, 0.3118, 0.3180 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(220, 212, 222) }
```

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

```
.border{ border-color:rgb(220, 212, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 212, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 222);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5765, 0.3118, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 222) }
```

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

```
.background{ background-color: rgb(220,  
212, 222) }
```

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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