

Converting Colors

Yxy(66.4830, 0.3071, 0.3146)

Have a look what the booklet for
Yxy(66.4830, 0.3071, 0.3146)
contains.

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Color

Yxy(66.4174, 0.3068, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	D7D3E0
RGB	215, 211, 224
RGB Percent	84%, 83%, 88%
CMY	0.1569, 0.1725, 0.1216
CMYK	0.04, 0.06, 0.00, 0.12
HSL	258°, 17%, 85%
HSV	258°, 6%, 88%
XYZ	64.7707, 66.4174, 79.9289
YIQ	213.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

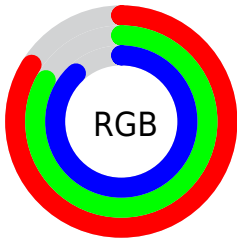
Format	Color
R _Y B	215, 211, 224
Decimal	14144480
CIE Lab	85.21, 3.75, -5.92
CIE LCh	85, 7.008, 302.371
Yxy	66.4174, 0.3068, 0.3146
Android (android.graphics.Color)	4292334560 (0xFFD7D3E0)
YUV	213.6780, 5.0887, 1.1594
Hunter-Lab	81.4969, -0.7544, -1.1015

Details

The Yxy color **66.4174, 0.3068, 0.3146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2363, 0.3184, 0.3432**, and the grayscale version is **66.9843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4521, 0.3049, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **53.8126, 0.2953, 0.2877**, and if you desaturate by 10%, it is **80.8022, 0.3167, 0.3389**.

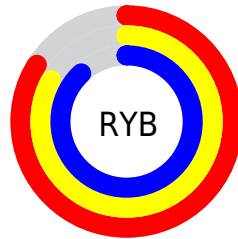
Distribution



Red (84%)

Green (83%)

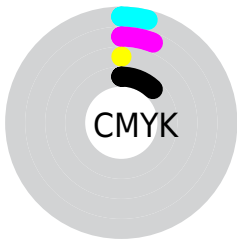
Blue (88%)



Red (84%)

Yellow (83%)

Blue (88%)

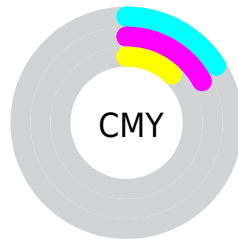


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4174, 0.3068, 0.3146 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 66.4174, 0.3068, 0.3146 by changing the saturation by 10% instead.

■ 66.4174, 0.3068,
0.3146

■ 66.4174, 0.3068,
0.3146

447.8682, 0.3096,
0.3213

■ 48.6113, 0.3061,
0.3130

114.0852, 0.3078,
0.3169

■ 34.3113, 0.3053,
0.3111

144.7157, 0.3082,
0.3179

■ 23.1328, 0.3043,
0.3087

180.3898, 0.3085,
0.3186

■ 14.6916, 0.3029,
0.3054

221.4919, 0.3088,
0.3193

■ 8.6032, 0.3009,
0.3010

268.4064, 0.3090,
0.3199

■ 4.4833, 0.2980,
0.2944

321.5177, 0.3092,

■ 1.9474, 0.2931,

0.3204

0.2840

381.2101, 0.3094,
0.3209

0.5767, 0.2830,
0.2551

0.0000, 0.0000,
0.0000

66.4174, 0.3068,
0.3146

66.4174, 0.3068,
0.3146

53.8126, 0.2953,
0.2877

80.8022, 0.3167,
0.3389

42.9094, 0.2822,
0.2583

96.5070, 0.3252,
0.3597

33.6360, 0.2674,
0.2270

98.1620, 0.3309,
0.3591

25.9120, 0.2513,
0.1946

■ 19.6502, 0.2342,
0.1627

■ 14.7546, 0.2170,
0.1330

■ 11.1170, 0.2006,
0.1075

■ 8.6124, 0.1861,
0.0878

■ 7.0876, 0.1741,
0.0749

Harmonies

Analogous

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



66.4174, 0.2997, 0.3147



66.4174, 0.3068, 0.3146



66.4174, 0.3156, 0.3182

Triad

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



66.4174, 0.3068, 0.3146



66.4174, 0.3296, 0.3391



66.4174, 0.3018, 0.3334

Complementary

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



66.4174, 0.3068, 0.3146



73.2363, 0.3184, 0.3432

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.



66.4174, 0.3097, 0.3402



66.4174, 0.3068, 0.3146



66.4174, 0.3258, 0.3435

Square

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



66.4174, 0.3068, 0.3146



66.4174, 0.3288, 0.3323



66.4174, 0.3185, 0.3439



66.4174, 0.2969, 0.3254

Rectangle

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



66.4174, 0.3068, 0.3146



66.4174, 0.3212, 0.3223



66.4174, 0.3185, 0.3439



66.4174, 0.3042, 0.3359

Sweetspot

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



66.4202, 0.3068, 0.3146



96.1243, 0.3107, 0.3241



70.4739, 0.3038, 0.3247



20.6152, 0.3108, 0.3244



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.



66.4202, 0.3068, 0.3146



86.8620, 0.3055, 0.3114



67.4106, 0.3115, 0.3148



13.9820, 0.3049, 0.3101



3.9140, 0.1713, 0.0717



0.3174, 0.1880, 0.0809

Inverse Universe

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



67.6092, 0.3161, 0.3192



88.7881, 0.3169, 0.3170



72.2542, 0.3139, 0.3434



14.3169, 0.3172, 0.3162



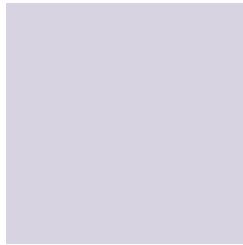
10.6308, 0.4166, 0.2068



0.7526, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 66.4174, 0.3068, 0.3146 looks on a white background.

Color Contrast Check

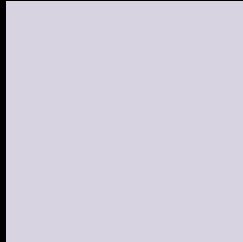
Large Text (above 18pt) WCAG AA × Fail

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 66.4174, 0.3068, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

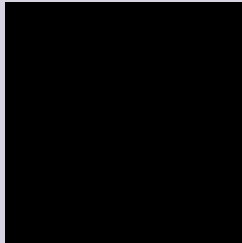
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

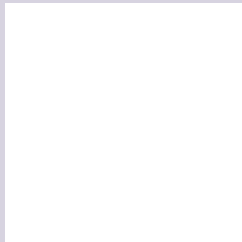
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4174, 0.3068, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 66.4174, 0.3068, 0.3146.

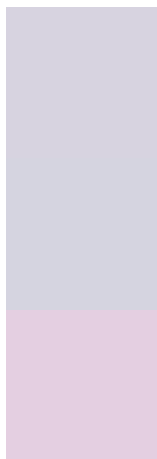


This preview shows how white text looks on a background with the Yxy color 66.4174, 0.3068, 0.3146.

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

66.4174, 0.3068, 0.3146

Protanopia

66.6149, 0.3053, 0.3157

Deuteranopia

66.5559, 0.3159, 0.3096



Tritanopia

66.5817, 0.3048, 0.3113

Trichromacy



Original Color

66.4174, 0.3068, 0.3146

Protanomaly

66.7649, 0.3061, 0.3157

Deuteranomaly

66.2360, 0.3121, 0.3105

Tritanomaly

66.5266, 0.3055, 0.3124

Monochromacy



Original Color

66.4174, 0.3068, 0.3146

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.9466, 0.3101, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4174, 0.3068, 0.3146 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(215, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 224)  
}
```

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(215, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 224) }
```

Border

The CSS property to change the border of an element to Yxy 66.4174, 0.3068, 0.3146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

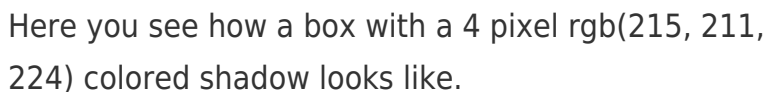
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 211, 224) }
```

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

```
.border{ border-color:rgb(215, 211, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4174, 0.3068, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 224) }
```

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

```
.background{ background-color: rgb(215,  
211, 224) }
```

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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