

Converting Colors

Yxy(67.9871, 0.3049, 0.3115)

Have a look what the booklet for
Yxy(67.9871, 0.3049, 0.3115)
contains.

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Color

Yxy(67.9974, 0.3049, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	D9D5E5
RGB	217, 213, 229
RGB Percent	85%, 84%, 90%
CMY	0.1489, 0.1647, 0.1020
CMYK	0.05, 0.07, 0.00, 0.10
HSL	255°, 24%, 87%
HSV	255°, 7%, 90%
XYZ	66.5567, 67.9974, 83.7361
YIQ	216.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

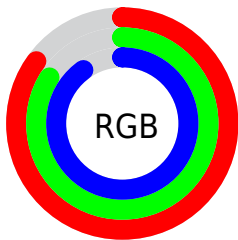
Format	Color
R _Y B	217, 213, 229
Decimal	14276069
CIE Lab	86.01, 4.33, -7.37
CIE LCh	86, 8.544, 300.433
Yxy	67.9974, 0.3049, 0.3115
Android (android.graphics.Color)	4292466149 (0xFFD9D5E5)
YUV	216.0200, 6.3991, 0.8595
Hunter-Lab	82.4605, -0.2326, -2.4848

Details

The Yxy color $67.9974, 0.3049, 0.3115$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76.8373, 0.3202, 0.3462$, and the grayscale version is $68.6444, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.1911, 0.3024, 0.3061$ is the 20% darker color. If you saturate the color by 10%, you get $54.7921, 0.2922, 0.2841$, and if you desaturate by 10%, it is $83.1073, 0.3158, 0.3361$.

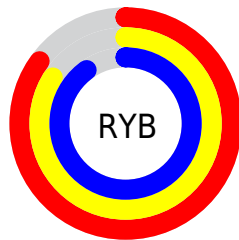
Distribution



Red (85%)

Green (84%)

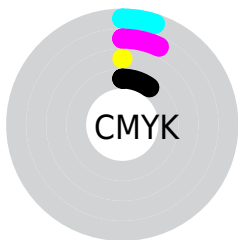
Blue (90%)



Red (85%)

Yellow (84%)

Blue (90%)

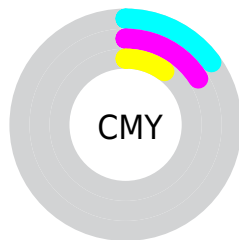


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9974, 0.3049, 0.3115 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 67.9974, 0.3049, 0.3115 by changing the saturation by 10% instead.

■ 67.9974, 0.3049,
0.3115

■ 67.9974, 0.3049,
0.3115

453.4868, 0.3086,
0.3196

■ 49.8956, 0.3040,
0.3096

116.3484, 0.3062,
0.3143

■ 35.3305, 0.3030,
0.3073

147.3665, 0.3067,
0.3154

■ 23.9175, 0.3016,
0.3044

183.4587, 0.3071,
0.3164

■ 15.2725, 0.2998,
0.3006

225.0095, 0.3075,
0.3172

■ 9.0108, 0.2972,
0.2953

272.4034, 0.3078,
0.3179

■ 4.7483, 0.2935,
0.2877

326.0246, 0.3081,

■ 2.1003, 0.2874,

0.3186

0.2756

386.2576, 0.3084,
0.3191

0.6648, 0.2764,
0.2492

0.0000, 0.0000,
0.0000

67.9974, 0.3049,
0.3115

67.9974, 0.3049,
0.3115

54.7921, 0.2922,
0.2841

83.1073, 0.3158,
0.3361

43.4067, 0.2778,
0.2540

97.7388, 0.3256,
0.3544

33.7629, 0.2617,
0.2220

98.4365, 0.3280,
0.3542

25.7732, 0.2443,
0.1889

■ 19.3425, 0.2262,
0.1564

■ 14.3657, 0.2082,
0.1264

■ 10.7243, 0.1916,
0.1010

■ 8.2807, 0.1774,
0.0820

■ 6.8589, 0.1664,
0.0702

Harmonies

Analogous

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



67.9974, 0.2966, 0.3119



67.9974, 0.3049, 0.3115



67.9974, 0.3154, 0.3156

Triad

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



67.9974, 0.3049, 0.3115



67.9974, 0.3333, 0.3408



67.9974, 0.3001, 0.3349

Complementary

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



67.9974, 0.3049, 0.3115



76.8373, 0.3202, 0.3462

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.



67.9974, 0.3098, 0.3430



67.9974, 0.3049, 0.3115



67.9974, 0.3290, 0.3463

Square

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



67.9974, 0.3049, 0.3115



67.9974, 0.3320, 0.3323



67.9974, 0.3203, 0.3472



67.9974, 0.2938, 0.3252

Rectangle

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



67.9974, 0.3049, 0.3115



67.9974, 0.3223, 0.3204



67.9974, 0.3203, 0.3472



67.9974, 0.3030, 0.3379

Sweetspot

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



68.0003, 0.3049, 0.3115



96.0727, 0.3105, 0.3241



73.6480, 0.3019, 0.3246



20.6047, 0.3107, 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.



68.0003, 0.3049, 0.3115



84.8877, 0.3036, 0.3087



69.2504, 0.3106, 0.3118



14.0617, 0.3019, 0.3050



3.7919, 0.1649, 0.0682



0.3235, 0.1796, 0.0763

Inverse Universe

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



69.6780, 0.3163, 0.3162



87.3412, 0.3168, 0.3142



75.5874, 0.3146, 0.3465



14.5499, 0.3176, 0.3116



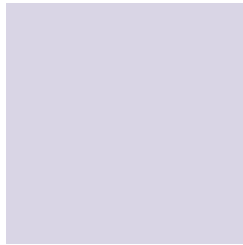
11.2322, 0.3968, 0.1959



0.8447, 0.3833, 0.1885

Previews

White Background



This preview shows how the Yxy color 67.9974, 0.3049, 0.3115 looks on a white background.

Color Contrast Check

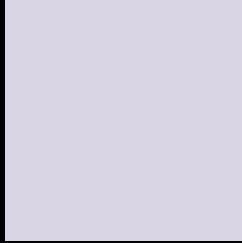
Large Text (above 18pt) WCAG AA × Fail

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 67.9974, 0.3049, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

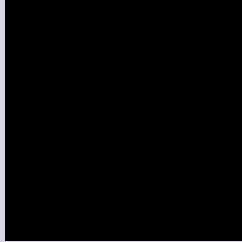
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

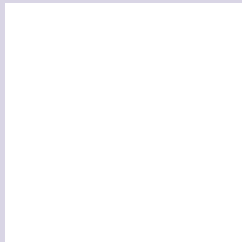
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9974, 0.3049, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 67.9974, 0.3049, 0.3115.

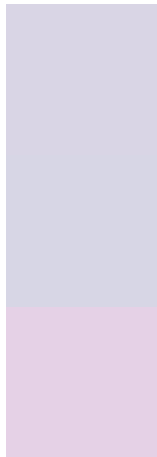


This preview shows how white text looks on a background with the Yxy color 67.9974, 0.3049, 0.3115.

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

67.9974, 0.3049, 0.3115

Protanopia

68.1974, 0.3034, 0.3125

Deuteranopia

67.9721, 0.3130, 0.3066



Tritanopia

68.0534, 0.3042, 0.3104

Trichromacy



Original Color

67.9974, 0.3049, 0.3115

Protanomaly

68.3492, 0.3041, 0.3126

Deuteranomaly

67.8139, 0.3101, 0.3075

Tritanomaly

68.0534, 0.3042, 0.3104

Monochromacy



Original Color

67.9974, 0.3049, 0.3115

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4203, 0.3094, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9974, 0.3049, 0.3115 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(217, 213, 229)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 229)  
}
```

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(217, 213, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 229) }
```

Border

The CSS property to change the border of an element to Yxy 67.9974, 0.3049, 0.3115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

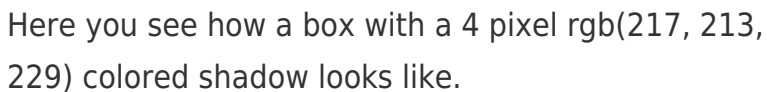
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 213, 229) }
```

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

```
.border{ border-color:rgb(217, 213, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 213, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 229);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9974, 0.3049, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 229) }
```

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

```
.background{ background-color: rgb(217,  
213, 229) }
```

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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