

Converting Colors

Yxy(67.9655, 0.3068, 0.3177)

Have a look what the booklet for
Yxy(67.9655, 0.3068, 0.3177)
contains.

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Color

Yxy(67.9220, 0.3067, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	D7D6E0
RGB	215, 214, 224
RGB Percent	84%, 84%, 88%
CMY	0.1569, 0.1608, 0.1214
CMYK	0.04, 0.04, 0.00, 0.12
HSL	246°, 14%, 86%
HSV	246°, 4%, 88%
XYZ	65.5290, 67.9220, 80.2074
YIQ	215.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

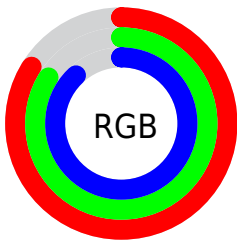
Format	Color
R _Y B	215, 214, 224
Decimal	14145248
CIE Lab	85.97, 2.19, -4.82
CIE LCh	86, 5.296, 294.463
Yxy	67.9220, 0.3067, 0.3179
Android (android.graphics.Color)	4292335328 (0xFFD7D6E0)
YUV	215.4390, 4.2206, -0.3850
Hunter-Lab	82.4148, -2.2984, -0.0116

Details

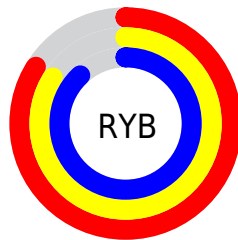
The Yxy color $67.9220, 0.3067, 0.3179$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.8854, 0.3186, 0.3399$, and the grayscale version is $68.2430, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.1344, 0.3049, 0.3145$ is the 20% darker color. If you saturate the color by 10%, you get $54.4842, 0.2919, 0.2908$, and if you desaturate by 10%, it is $83.3022, 0.3196, 0.3418$.

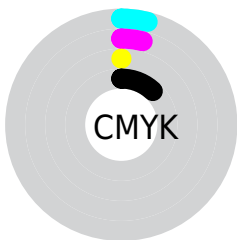
Distribution



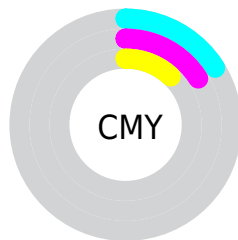
- Red (84%)
- Green (84%)
- Blue (88%)



- Red (84%)
- Yellow (84%)
- Blue (88%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9220, 0.3067, 0.3179 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 67.9220, 0.3067, 0.3179 by changing the saturation by 10% instead.

■ 67.9220, 0.3067,
0.3179

■ 67.9220, 0.3067,
0.3179

453.2196, 0.3095,
0.3231

■ 49.8343, 0.3060,
0.3167

116.2406, 0.3077,
0.3197

■ 35.2817, 0.3052,
0.3152

147.2402, 0.3081,
0.3204

■ 23.8800, 0.3042,
0.3133

183.3126, 0.3084,
0.3210

■ 15.2446, 0.3028,
0.3108

224.8421, 0.3087,
0.3215

■ 8.9912, 0.3009,
0.3074

272.2132, 0.3089,
0.3220

■ 4.7355, 0.2980,
0.3024

325.8102, 0.3092,

■ 2.0929, 0.2934,

0.3224

0.2944

386.0175, 0.3094,
0.3228

0.6606, 0.2838,
0.2751

0.0000, 0.0000,
0.0000

67.9220, 0.3067,
0.3179

67.9220, 0.3067,
0.3179

54.4842, 0.2919,
0.2908

83.3022, 0.3196,
0.3418

42.9033, 0.2750,
0.2606

98.1642, 0.3309,
0.3591

33.0999, 0.2564,
0.2277

24.9860, 0.2365,
0.1932

■ 18.4658, 0.2161,
0.1586

■ 13.4338, 0.1965,
0.1263

■ 9.7719, 0.1791,
0.0987

■ 7.3439, 0.1654,
0.0781

■ 5.9851, 0.1561,
0.0656

Harmonies

Analogous

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



67.9220, 0.3019, 0.3188



67.9220, 0.3067, 0.3179



67.9220, 0.3131, 0.3199

Triad

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



67.9220, 0.3067, 0.3179



67.9220, 0.3256, 0.3354



67.9220, 0.3060, 0.3338

Complementary

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



67.9220, 0.3067, 0.3179



73.8854, 0.3186, 0.3399

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.



67.9220, 0.3122, 0.3384



67.9220, 0.3067, 0.3179



67.9220, 0.3236, 0.3393

Square

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



67.9220, 0.3067, 0.3179



67.9220, 0.3240, 0.3300



67.9220, 0.3187, 0.3404



67.9220, 0.3015, 0.3279

Rectangle

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



67.9220, 0.3067, 0.3179



67.9220, 0.3175, 0.3226



67.9220, 0.3187, 0.3404



67.9220, 0.3079, 0.3355

Sweetspot

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



67.9249, 0.3067, 0.3179



97.9507, 0.3114, 0.3266



72.5664, 0.3058, 0.3281



20.9871, 0.3115, 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.



67.9249, 0.3067, 0.3179



90.0194, 0.3059, 0.3165



68.6720, 0.3102, 0.3180



14.4455, 0.3050, 0.3149



3.2559, 0.1535, 0.0619



0.2481, 0.1624, 0.0668

Inverse Universe

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



69.2786, 0.3139, 0.3192



92.0520, 0.3141, 0.3180



73.1239, 0.3151, 0.3400



14.8161, 0.3142, 0.3166



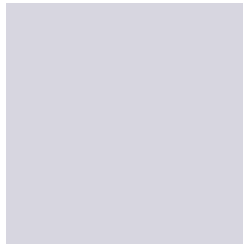
11.7105, 0.3475, 0.1688



0.8186, 0.3429, 0.1662

Previews

White Background



This preview shows how the Yxy color 67.9220, 0.3067, 0.3179 looks on a white background.

Color Contrast Check

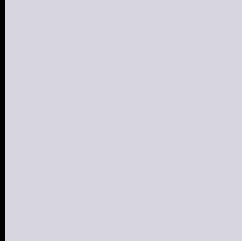
Large Text (above 18pt) WCAG AA × Fail

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 67.9220, 0.3067, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

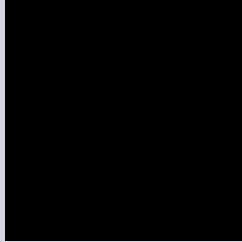
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

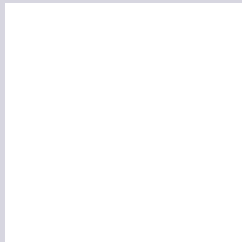
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9220, 0.3067, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 67.9220, 0.3067, 0.3179.

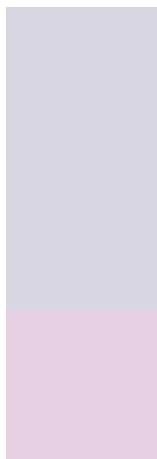


This preview shows how white text looks on a background with the Yxy color 67.9220, 0.3067, 0.3179.

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

67.9220, 0.3067, 0.3179

Protanopia

68.0739, 0.3074, 0.3180

Deuteranopia

67.5369, 0.3180, 0.3108



Tritanopia

67.9006, 0.3035, 0.3104

Trichromacy



Original Color

67.9220, 0.3067, 0.3179

Protanomaly

68.0739, 0.3074, 0.3180

Deuteranomaly

67.5370, 0.3135, 0.3128

Tritanomaly

67.7889, 0.3048, 0.3125

Monochromacy



Original Color

67.9220, 0.3067, 0.3179

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1099, 0.3107, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9220, 0.3067, 0.3179 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, 214, 224) looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 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, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 224) }
```

Border

The CSS property to change the border of an element to Yxy 67.9220, 0.3067, 0.3179 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, 214, 224) }
```

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

```
.border{ border-color:rgb(215, 214, 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, 214, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9220, 0.3067, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 224) }
```

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

```
.background{ background-color: rgb(215,  
214, 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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