

Converting Colors

Yxy(69.5547, 0.3038, 0.3220)

Have a look what the booklet for
Yxy(69.5547, 0.3038, 0.3220)
contains.

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Color

Yxy(69.3735, 0.3038, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	D3DAE0
RGB	211, 218, 224
RGB Percent	83%, 85%, 88%
CMY	0.1726, 0.1451, 0.1215
CMYK	0.06, 0.03, 0.00, 0.12
HSL	208°, 17%, 85%
HSV	208°, 6%, 88%
XYZ	65.3915, 69.3735, 80.4801
YIQ	216.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

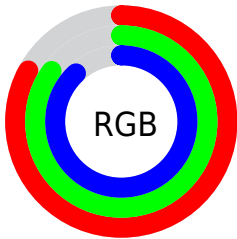
Format	Color
R _Y B	211, 216, 224
Decimal	13884128
CIE Lab	86.69, -1.23, -3.78
CIE LCh	87, 3.975, 252.050
Yxy	69.3735, 0.3038, 0.3223
Android (android.graphics.Color)	4292074208 (0xFFD3DAE0)
YUV	216.5910, 3.6526, -4.9033
Hunter-Lab	83.2908, -5.6187, 1.0142

Details

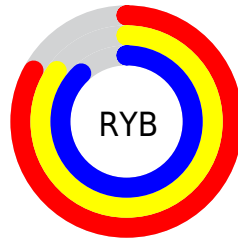
The Yxy color **69.3735, 0.3038, 0.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1886, 0.3219, 0.3356**, and the grayscale version is **69.0734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1269, 0.3011, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **61.0921, 0.2880, 0.3097**, and if you desaturate by 10%, it is **78.4573, 0.3190, 0.3336**.

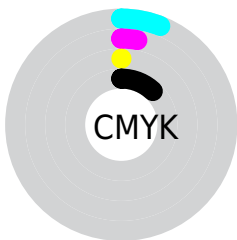
Distribution



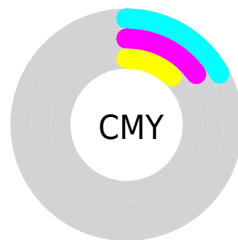
- Red (83%)
- Green (85%)
- Blue (88%)



- Red (83%)
- Yellow (85%)
- Blue (88%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3735, 0.3038, 0.3223 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 69.3735, 0.3038, 0.3223 by changing the saturation by 10% instead.

■ 69.3735, 0.3038,
0.3223

■ 69.3735, 0.3038,
0.3223

458.3472, 0.3080,
0.3254

■ 51.0159, 0.3028,
0.3216

118.3149, 0.3052,
0.3234

■ 36.2213, 0.3017,
0.3207

149.6675, 0.3058,
0.3238

■ 24.6052, 0.3001,
0.3195

186.1206, 0.3063,
0.3242

■ 15.7831, 0.2981,
0.3180

228.0586, 0.3067,
0.3245

■ 9.3708, 0.2954,
0.3159

275.8659, 0.3071,
0.3248

■ 4.9838, 0.2914,
0.3128

329.9268, 0.3074,

■ 2.2378, 0.2850,

0.3250

0.3078

390.6257, 0.3077,
0.3252

0.7405, 0.2708,
0.2975

0.0000, 0.0000,
0.0000

69.3735, 0.3038,
0.3223

69.3735, 0.3038,
0.3223

61.0921, 0.2880,
0.3097

78.4573, 0.3190,
0.3336

53.5792, 0.2720,
0.2958

88.2059, 0.3329,
0.3436

46.8112, 0.2559,
0.2806

94.4326, 0.3317,
0.3535

40.7600, 0.2401,
0.2642

98.1631, 0.3309,
0.3591

■ 35.3949, 0.2252,
0.2469

■ 30.6829, 0.2116,
0.2290

■ 26.5871, 0.1998,
0.2108

■ 23.0655, 0.1901,
0.1929

■ 20.0678, 0.1828,
0.1756

Harmonies

Analogous

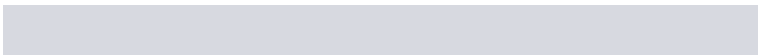
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3735, 0.3034, 0.3257



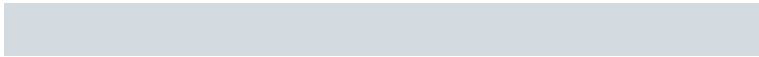
69.3735, 0.3038, 0.3223



69.3735, 0.3066, 0.3207

Triad

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



69.3735, 0.3038, 0.3223



69.3735, 0.3200, 0.3279



69.3735, 0.3144, 0.3368

Complementary

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



69.3735, 0.3038, 0.3223



70.1886, 0.3219, 0.3356

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.



69.3735, 0.3189, 0.3374



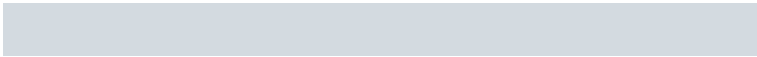
69.3735, 0.3038, 0.3223



69.3735, 0.3221, 0.3322

Square

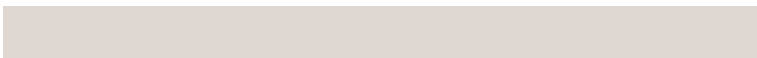
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3735, 0.3038, 0.3223



69.3735, 0.3159, 0.3240



69.3735, 0.3217, 0.3357



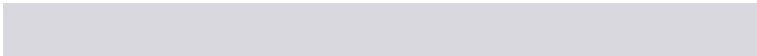
69.3735, 0.3095, 0.3341

Rectangle

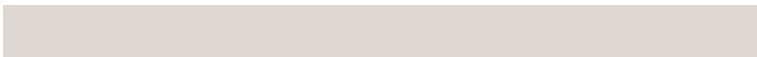
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3735, 0.3038, 0.3223



69.3735, 0.3094, 0.3209



69.3735, 0.3217, 0.3357



69.3735, 0.3160, 0.3373

Sweetspot

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



69.3764, 0.3038, 0.3223



97.5510, 0.3097, 0.3267



72.1746, 0.3083, 0.3369



20.9057, 0.3098, 0.3268



0.0000, 0.0000, 0.0000



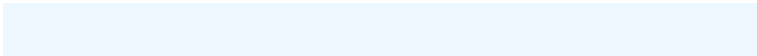
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3764, 0.3038, 0.3223



91.6197, 0.3019, 0.3208



66.1435, 0.3039, 0.3152



14.8072, 0.3011, 0.3202



11.2522, 0.1809, 0.1712



0.9586, 0.1882, 0.1975

Inverse Universe

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



67.5007, 0.3175, 0.3214



88.6153, 0.3186, 0.3197



73.5282, 0.3213, 0.3425



14.2868, 0.3191, 0.3190



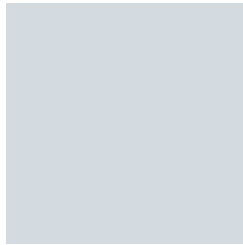
10.0440, 0.4792, 0.2414



0.7142, 0.4482, 0.2242

Previews

White Background



This preview shows how the Yxy color 69.3735, 0.3038, 0.3223 looks on a white background.

Color Contrast Check

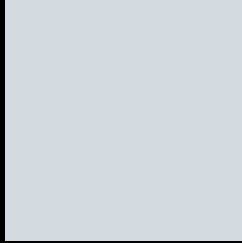
Large Text (above 18pt) WCAG AA × Fail

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 69.3735, 0.3038, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

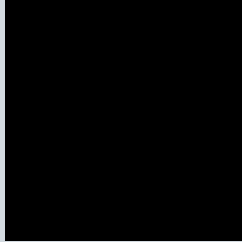
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

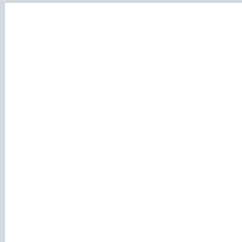
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3735, 0.3038, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 69.3735, 0.3038, 0.3223.

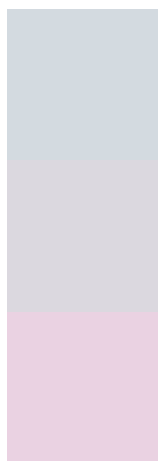


This preview shows how white text looks on a background with the Yxy color 69.3735, 0.3038, 0.3223.

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

69.3735, 0.3038, 0.3223

Protanopia

69.4995, 0.3102, 0.3213

Deuteranopia

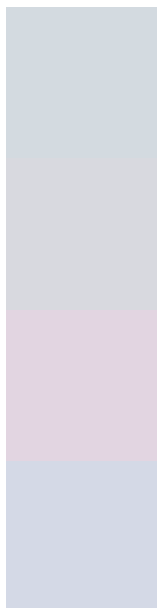
69.0766, 0.3194, 0.3121



Tritanopia

69.1984, 0.2988, 0.3093

Trichromacy



Original Color

69.3735, 0.3038, 0.3223

Protanomaly

69.5524, 0.3080, 0.3224

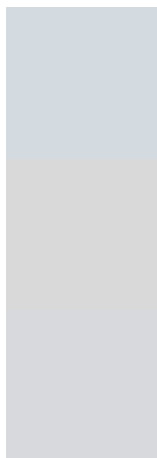
Deuteranomaly

69.1935, 0.3141, 0.3161

Tritanomaly

69.3359, 0.3007, 0.3147

Monochromacy



Original Color

69.3735, 0.3038, 0.3223

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2401, 0.3093, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3735, 0.3038, 0.3223 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(211, 218, 224)` looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 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(211, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 224) }
```

Border

The CSS property to change the border of an element to Yxy 69.3735, 0.3038, 0.3223 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(211, 218, 224) }
```

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

```
.border{ border-color:rgb(211, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 218,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3735, 0.3038, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 218, 224) }
```

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

```
.background{ background-color: rgb(211,  
218, 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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