

Converting Colors

$Yxy(71.5107, 0.3009, 0.3246)$

Have a look what the booklet for
Yxy(71.5107, 0.3009, 0.3246)
contains.

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Color

Yxy(71.2888, 0.3011, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D1DEE2
RGB	209, 222, 226
RGB Percent	82%, 87%, 89%
CMY	0.1804, 0.1294, 0.1136
CMYK	0.08, 0.02, 0.00, 0.11
HSL	194°, 23%, 85%
HSV	194°, 8%, 89%
XYZ	66.1481, 71.2888, 82.2512
YIQ	218.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

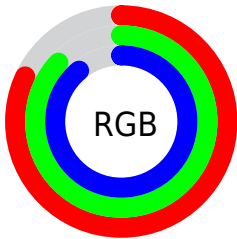
Format	Color
R _Y B	209, 216, 226
Decimal	13754082
CIE Lab	87.63, -3.57, -3.48
CIE LCh	88, 4.985, 224.336
Yxy	71.2888, 0.3011, 0.3245
Android (android.graphics.Color)	4291944162 (0xFFD1DEE2)
YUV	218.5690, 3.6635, -8.3920
Hunter-Lab	84.4327, -7.9129, 1.3447

Details

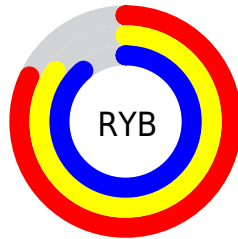
The Yxy color **71.2888, 0.3011, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3891, 0.3252, 0.3335**, and the grayscale version is **70.5068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5463, 0.2986, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **65.4236, 0.2858, 0.3180**, and if you desaturate by 10%, it is **77.7182, 0.3165, 0.3304**.

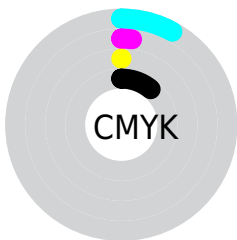
Distribution



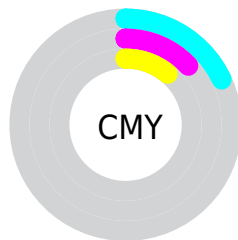
- Red (82%)
- Green (87%)
- Blue (89%)



- Red (82%)
- Yellow (85%)
- Blue (89%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2888, 0.3011, 0.3245 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 71.2888, 0.3011, 0.3245 by changing the saturation by 10% instead.

■ 71.2888, 0.3011,
0.3245

■ 71.2888, 0.3011,
0.3245

465.0624, 0.3065,
0.3266

■ 52.5779, 0.2999,
0.3240

121.0449, 0.3030,
0.3252

■ 37.4659, 0.2983,
0.3234

152.8588, 0.3037,
0.3255

■ 25.5684, 0.2964,
0.3226

189.8092, 0.3043,
0.3258

■ 16.5011, 0.2939,
0.3216

232.2805, 0.3049,
0.3260

■ 9.8794, 0.2904,
0.3201

280.6571, 0.3053,
0.3262

■ 5.3191, 0.2854,
0.3180

335.3233, 0.3058,

■ 2.4357, 0.2774,

0.3263

396.6636, 0.3061,
0.3265

0.3145

0.8441, 0.2614,
0.3085

0.0000, 0.0000,
0.0000

71.2888, 0.3011,
0.3245

71.2888, 0.3011,
0.3245

65.4236, 0.2858,
0.3180

77.7182, 0.3165,
0.3304

60.0932, 0.2709,
0.3109

84.7222, 0.3318,
0.3357

55.2789, 0.2568,
0.3033

87.9464, 0.3317,
0.3409

50.9570, 0.2437,
0.2952

91.1148, 0.3311,
0.3461

■ 47.1020, 0.2320,
0.2867

■ 94.3768, 0.3305,
0.3513

■ 43.6856, 0.2220,
0.2780

■ 97.7333, 0.3298,
0.3563

■ 40.6757, 0.2139,
0.2691

■ 98.2731, 0.3297,
0.3571

■ 38.0349, 0.2078,
0.2603

■ 35.7130, 0.2035,
0.2516

Harmonies

Analogous

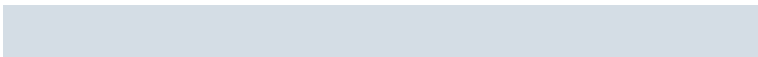
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2888, 0.3035, 0.3299



71.2888, 0.3011, 0.3245



71.2888, 0.3018, 0.3204

Triad

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



71.2888, 0.3011, 0.3245



71.2888, 0.3171, 0.3231



71.2888, 0.3200, 0.3395

Complementary

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



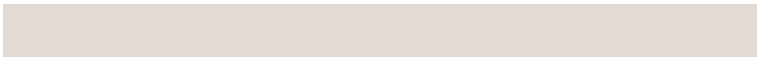
71.2888, 0.3011, 0.3245



68.3891, 0.3252, 0.3335

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.



71.2888, 0.3237, 0.3376



71.2888, 0.3011, 0.3245



71.2888, 0.3221, 0.3281

Square

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



71.2888, 0.3011, 0.3245



71.2888, 0.3110, 0.3197



71.2888, 0.3245, 0.3334



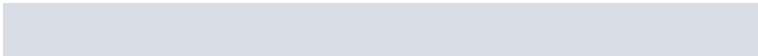
71.2888, 0.3144, 0.3386

Rectangle

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



71.2888, 0.3011, 0.3245



71.2888, 0.3039, 0.3190



71.2888, 0.3245, 0.3334



71.2888, 0.3215, 0.3392

Sweetspot

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



71.2918, 0.3011, 0.3245



98.2765, 0.3096, 0.3278



72.7725, 0.3093, 0.3436



21.0533, 0.3098, 0.3279



0.0000, 0.0000, 0.0000



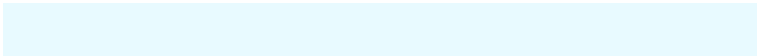
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2918, 0.3011, 0.3245



92.4818, 0.2988, 0.3236



66.9139, 0.3011, 0.3150



14.9927, 0.2982, 0.3233



20.2485, 0.2030, 0.2508



1.5380, 0.2067, 0.2643

Inverse Universe

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



67.0527, 0.3164, 0.3149



85.8759, 0.3172, 0.3120



72.7538, 0.3243, 0.3426



13.8772, 0.3174, 0.3113



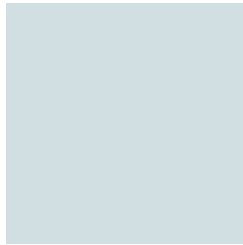
10.9521, 0.3914, 0.1930



0.7727, 0.3783, 0.1858

Previews

White Background



This preview shows how the Yxy color 71.2888, 0.3011, 0.3245 looks on a white background.

Color Contrast Check

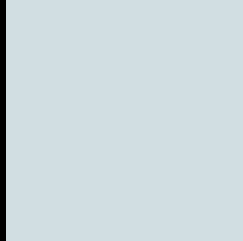
Large Text (above 18pt) WCAG AA × Fail

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 71.2888, 0.3011, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

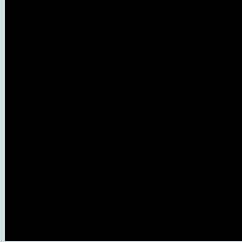
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

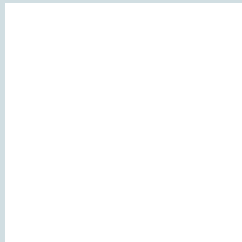
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2888, 0.3011, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 71.2888, 0.3011, 0.3245.

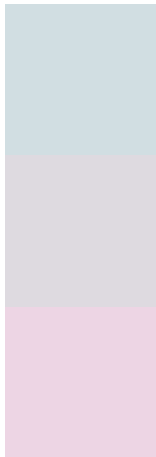


This preview shows how white text looks on a background with the Yxy color 71.2888, 0.3011, 0.3245.

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

71.2888, 0.3011, 0.3245

Protanopia

71.0542, 0.3116, 0.3225

Deuteranopia

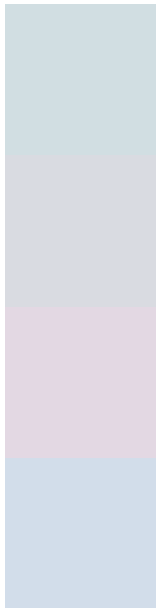
71.1945, 0.3200, 0.3133



Tritanopia

71.2083, 0.2950, 0.3094

Trichromacy



Original Color

71.2888, 0.3011, 0.3245

Protanomaly

70.8510, 0.3074, 0.3224

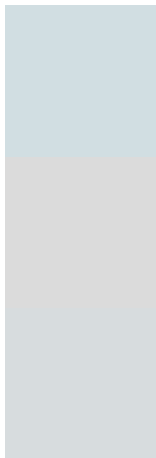
Deuteranomaly

70.9887, 0.3133, 0.3172

Tritanomaly

71.3551, 0.2968, 0.3147

Monochromacy



Original Color

71.2888, 0.3011, 0.3245

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9074, 0.3079, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2888, 0.3011, 0.3245 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(209, 222, 226)` looks like.

```
.text, #text, p{  
    color:rgb(209, 222, 226)  
}
```

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(209, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 222, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.2888, 0.3011, 0.3245 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(209, 222, 226) }
```

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

```
.border{ border-color:rgb(209, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(209, 222,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2888, 0.3011, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 222, 226) }
```

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

```
.background{ background-color: rgb(209,  
222, 226) }
```

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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