

Converting Colors

$Yxy(70.5722, 0.2959, 0.3250)$

Have a look what the booklet for
Yxy(70.5722, 0.2959, 0.3250)
contains.

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Color

Yxy(70.6838, 0.2957, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	C9DFE2
RGB	201, 223, 226
RGB Percent	79%, 87%, 89%
CMY	0.2119, 0.1254, 0.1137
CMYK	0.11, 0.01, 0.00, 0.11
HSL	187°, 30%, 84%
HSV	187°, 11%, 89%
XYZ	64.1929, 70.6838, 82.2112
YIQ	216.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

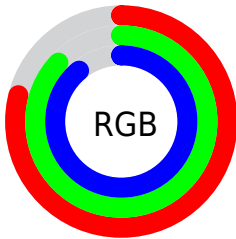
Format	Color
R _Y B	201, 213, 226
Decimal	13230050
CIE Lab	87.33, -6.71, -3.96
CIE LCh	87, 7.790, 210.563
Yxy	70.6838, 0.2957, 0.3256
Android (android.graphics.Color)	4291420130 (0xFFC9DFE2)
YUV	216.7640, 4.5533, -13.8250
Hunter-Lab	84.0737, -10.8386, 0.8750

Details

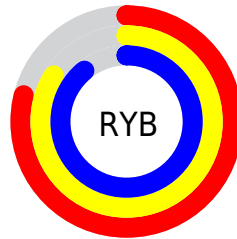
The Yxy color `70.6838, 0.2957, 0.3256` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `63.5399, 0.3321, 0.3324`, and the grayscale version is `69.1902, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `37.1486, 0.2916, 0.3245` is the 20% darker color. If you saturate the color by 10%, you get `66.3551, 0.2809, 0.3222`, and if you desaturate by 10%, it is `75.5020, 0.3110, 0.3287`.

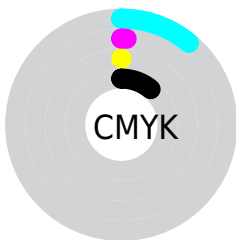
Distribution



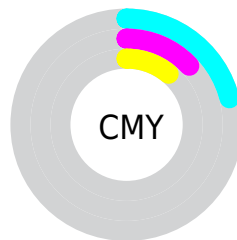
- Red (79%)
- Green (87%)
- Blue (89%)



- Red (79%)
- Yellow (84%)
- Blue (89%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6838, 0.2957, 0.3256 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 70.6838, 0.2957, 0.3256 by changing the saturation by 10% instead.

■ 70.6838, 0.2957,
0.3256

■ 70.6838, 0.2957,
0.3256

462.9473, 0.3036,
0.3272

■ 52.0842, 0.2939,
0.3252

120.1834, 0.2984,
0.3262

■ 37.0722, 0.2917,
0.3247

151.8522, 0.2995,
0.3264

■ 25.2634, 0.2888,
0.3241

188.6461, 0.3004,
0.3266

■ 16.2734, 0.2851,
0.3232

230.9496, 0.3012,
0.3268

■ 9.7178, 0.2801,
0.3220

279.1471, 0.3019,
0.3269

■ 5.2123, 0.2727,
0.3202

333.6230, 0.3025,

■ 2.3723, 0.2611,

0.3270

394.7616, 0.3031,
0.3271

0.3171

0.8116, 0.2343,
0.3129

0.0000, 0.0000,
0.0000

70.6838, 0.2957,
0.3256

70.6838, 0.2957,
0.3256

66.3551, 0.2809,
0.3222

75.5020, 0.3110,
0.3287

62.4870, 0.2670,
0.3186

80.8199, 0.3266,
0.3315

59.0607, 0.2543,
0.3148

83.9555, 0.3326,
0.3341

56.0529, 0.2430,
0.3108

85.4751, 0.3323,
0.3368

■ 53.4377, 0.2335,
0.3067

■ 87.0179, 0.3319,
0.3394

■ 51.1866, 0.2258,
0.3025

■ 88.5841, 0.3316,
0.3420

■ 49.2666, 0.2201,
0.2983

■ 90.1738, 0.3313,
0.3446

■ 47.6385, 0.2162,
0.2941

■ 91.7871, 0.3310,
0.3472

■ 46.3740, 0.2140,
0.2905

■ 93.4241, 0.3307,
0.3498

Harmonies

Analogous

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



70.6838, 0.3013, 0.3343



70.6838, 0.2957, 0.3256



70.6838, 0.2946, 0.3180

Triad

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



70.6838, 0.2957, 0.3256



70.6838, 0.3152, 0.3169



70.6838, 0.3273, 0.3446

Complementary

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



70.6838, 0.2957, 0.3256



63.5399, 0.3321, 0.3324

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.



70.6838, 0.3312, 0.3396



70.6838, 0.2957, 0.3256



70.6838, 0.3242, 0.3238

Square

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



70.6838, 0.2957, 0.3256



70.6838, 0.3057, 0.3132



70.6838, 0.3300, 0.3320



70.6838, 0.3195, 0.3453

Rectangle

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



70.6838, 0.2957, 0.3256



70.6838, 0.2965, 0.3146



70.6838, 0.3300, 0.3320



70.6838, 0.3291, 0.3433

Sweetspot

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



70.6868, 0.2957, 0.3256



97.9978, 0.3080, 0.3281



71.1581, 0.3095, 0.3543



20.8632, 0.3068, 0.3279



0.0000, 0.0000, 0.0000



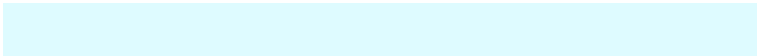
21.4041, 0.3127, 0.3290

Same Dimension

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



70.6868, 0.2957, 0.3256



91.7521, 0.2927, 0.3250



64.2700, 0.2955, 0.3114



15.2790, 0.2982, 0.3261



26.5719, 0.2142, 0.2911



1.9216, 0.2160, 0.2975

Inverse Universe

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



63.2494, 0.3161, 0.3050



80.3912, 0.3168, 0.3005



69.7006, 0.3304, 0.3460



13.9060, 0.3156, 0.3086



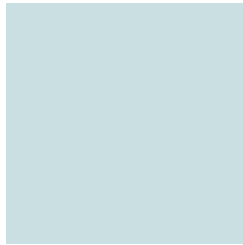
11.5905, 0.3533, 0.1720



0.8114, 0.3476, 0.1689

Previews

White Background



This preview shows how the Yxy color 70.6838, 0.2957, 0.3256 looks on a white background.

Color Contrast Check

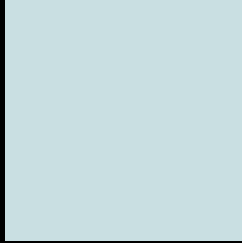
Large Text (above 18pt) WCAG AA × Fail

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 70.6838, 0.2957, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

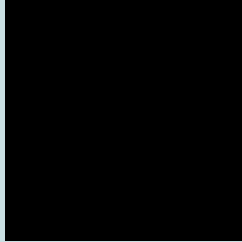
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

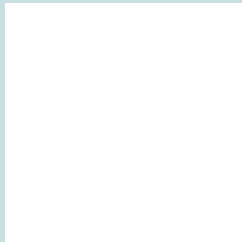
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6838, 0.2957, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 70.6838, 0.2957, 0.3256.

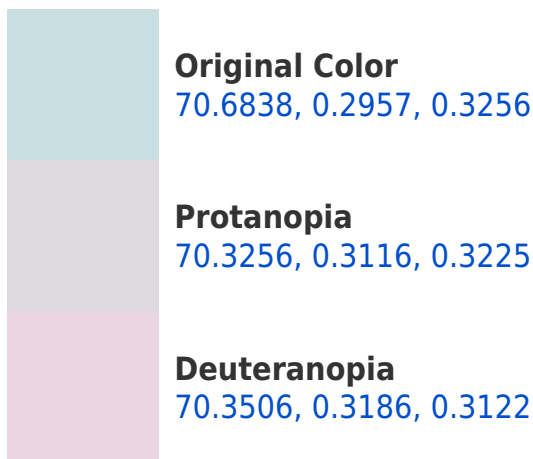


This preview shows how white text looks on a background with the Yxy color 70.6838, 0.2957, 0.3256.

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

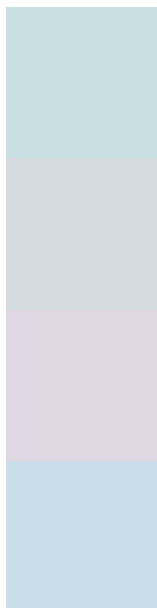




Tritanopia

70.6414, 0.2891, 0.3091

Trichromacy



Original Color

70.6838, 0.2957, 0.3256

Protanomaly

70.3410, 0.3059, 0.3235

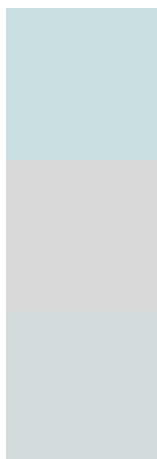
Deuteranomaly

70.3458, 0.3104, 0.3171

Tritanomaly

70.7396, 0.2915, 0.3156

Monochromacy



Original Color

70.6838, 0.2957, 0.3256

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.6792, 0.3064, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6838, 0.2957, 0.3256 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(201, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 223, 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(201, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 223, 226) }
```

Border

The CSS property to change the border of an element to Yxy 70.6838, 0.2957, 0.3256 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(201, 223, 226) }
```

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

```
.border{ border-color:rgb(201, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 223,  
226) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.6838, 0.2957, 0.3256$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 223, 226) }
```

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

```
.background{ background-color: rgb(201,  
223, 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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