

Converting Colors

Yxy(67.9487, 0.2946, 0.3259)

Have a look what the booklet for
Yxy(67.9487, 0.2946, 0.3259)
contains.

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Color

Yxy(68.1961, 0.2948, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	C4DCDE
RGB	196, 220, 222
RGB Percent	77%, 86%, 87%
CMY	0.2314, 0.1372, 0.1295
CMYK	0.12, 0.01, 0.00, 0.13
HSL	185°, 28%, 82%
HSV	185°, 12%, 87%
XYZ	61.5372, 68.1961, 79.0089
YIQ	213.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

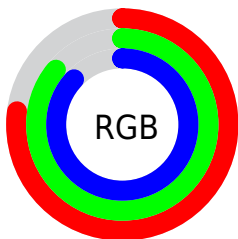
Format	Color
R _Y B	196, 208, 222
Decimal	12901598
CIE Lab	86.10, -7.56, -3.68
CIE LCh	86, 8.404, 205.972
Yxy	68.1961, 0.2948, 0.3267
Android (android.graphics.Color)	4291091678 (0xFFC4DCDE)
YUV	213.0520, 4.4114, -14.9546
Hunter-Lab	82.5809, -11.5029, 1.0812

Details

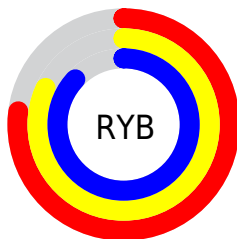
The Yxy color **68.1961, 0.2948, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8764, 0.3334, 0.3313**, and the grayscale version is **66.5528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **35.4511, 0.2904, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **64.5631, 0.2802, 0.3246**, and if you desaturate by 10%, it is **72.2840, 0.3101, 0.3287**.

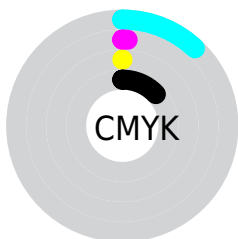
Distribution



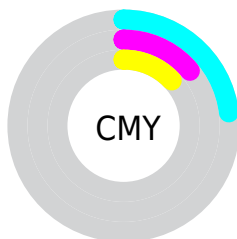
- Red (77%)
- Green (86%)
- Blue (87%)



- Red (77%)
- Yellow (82%)
- Blue (87%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1961, 0.2948, 0.3267 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 68.1961, 0.2948, 0.3267 by changing the saturation by 10% instead.

■ 68.1961, 0.2948,
0.3267

■ 68.1961, 0.2948,
0.3267

■ 454.1905, 0.3032,
0.3278

■ 50.0573, 0.2929,
0.3264

■ 116.6326, 0.2977,
0.3271

■ 35.4589, 0.2905,
0.3261

■ 147.6991, 0.2988,
0.3273

■ 24.0166, 0.2874,
0.3256

■ 183.8437, 0.2998,
0.3274

■ 15.3459, 0.2834,
0.3250

■ 225.4506, 0.3007,
0.3275

■ 9.0625, 0.2780,
0.3240

■ 272.9044, 0.3014,
0.3276

■ 4.7820, 0.2699,
0.3226

■ 326.5894, 0.3020,

■ 2.1199, 0.2571,

0.3277

0.3201

386.8899, 0.3026,
0.3278

0.6758, 0.2153,
0.3177

0.0000, 0.0000,
0.0000

68.1961, 0.2948,
0.3267

68.1961, 0.2948,
0.3267

64.5631, 0.2802,
0.3246

72.2840, 0.3101,
0.3287

61.3571, 0.2667,
0.3223

76.8364, 0.3257,
0.3305

58.5603, 0.2545,
0.3198

80.4073, 0.3361,
0.3321

56.1503, 0.2438,
0.3173

81.3192, 0.3358,
0.3338

■ 54.1022, 0.2349,
0.3148

■ 82.2400, 0.3356,
0.3355

■ 52.3887, 0.2279,
0.3122

■ 83.1698, 0.3354,
0.3371

■ 50.9779, 0.2229,
0.3096

■ 84.1086, 0.3352,
0.3388

■ 49.8319, 0.2196,
0.3070

■ 85.0563, 0.3350,
0.3404

■ 49.0300, 0.2180,
0.3049

■ 86.0132, 0.3347,
0.3421

Harmonies

Analogous

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



68.1961, 0.3016, 0.3361



68.1961, 0.2948, 0.3267



68.1961, 0.2928, 0.3181

Triad

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



68.1961, 0.2948, 0.3267



68.1961, 0.3138, 0.3150



68.1961, 0.3297, 0.3454

Complementary

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



68.1961, 0.2948, 0.3267



59.8764, 0.3334, 0.3313

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.



68.1961, 0.3331, 0.3395



68.1961, 0.2948, 0.3267



68.1961, 0.3239, 0.3220

Square

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



68.1961, 0.2948, 0.3267



68.1961, 0.3036, 0.3116



68.1961, 0.3310, 0.3309



68.1961, 0.3217, 0.3471

Rectangle

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



68.1961, 0.2948, 0.3267



68.1961, 0.2943, 0.3140



68.1961, 0.3310, 0.3309



68.1961, 0.3314, 0.3439

Sweetspot

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



68.1989, 0.2948, 0.3267



97.6256, 0.3065, 0.3282



68.0279, 0.3102, 0.3574



20.8028, 0.3053, 0.3281



0.0000, 0.0000, 0.0000



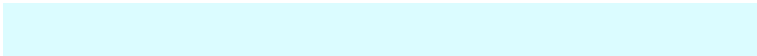
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1989, 0.2948, 0.3267



92.1371, 0.2912, 0.3262



61.7527, 0.2945, 0.3119



15.3857, 0.2982, 0.3272



29.2032, 0.2181, 0.3053



2.0778, 0.2192, 0.3092

Inverse Universe

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



60.1674, 0.3155, 0.3024



79.1271, 0.3161, 0.2968



65.9571, 0.3317, 0.3456



13.9168, 0.3149, 0.3076



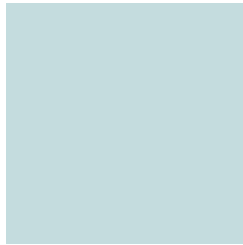
11.8561, 0.3408, 0.1651



0.8272, 0.3374, 0.1632

Previews

White Background



This preview shows how the Yxy color 68.1961, 0.2948, 0.3267 looks on a white background.

Color Contrast Check

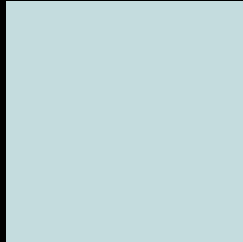
Large Text (above 18pt) WCAG AA × Fail

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 68.1961, 0.2948, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

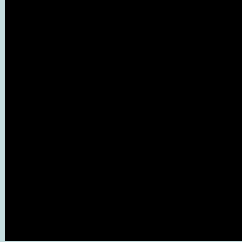
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

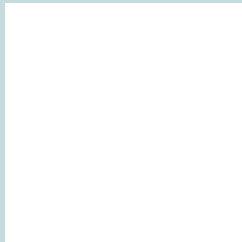
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1961, 0.2948, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 68.1961, 0.2948, 0.3267.

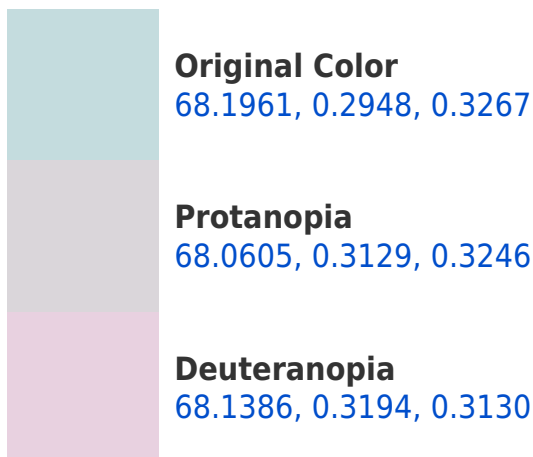


This preview shows how white text looks on a background with the Yxy color 68.1961, 0.2948, 0.3267.

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

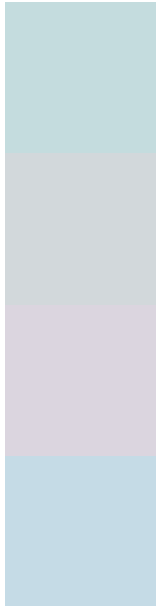




Tritanopia

68.1467, 0.2881, 0.3099

Trichromacy



Original Color

68.1961, 0.2948, 0.3267

Protanomaly

67.9278, 0.3064, 0.3256

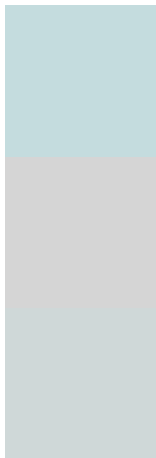
Deuteranomaly

67.9763, 0.3103, 0.3180

Tritanomaly

68.2465, 0.2905, 0.3165

Monochromacy



Original Color

68.1961, 0.2948, 0.3267

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.3350, 0.3063, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1961, 0.2948, 0.3267 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(196, 220, 222)` looks like.

```
.text, #text, p{  
    color:rgb(196, 220, 222)  
}
```

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(196, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 220, 222) }
```

Border

The CSS property to change the border of an element to Yxy 68.1961, 0.2948, 0.3267 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(196, 220, 222) }
```

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

```
.border{ border-color:rgb(196, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(196, 220,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1961, 0.2948, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 220, 222) }
```

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

```
.background{ background-color: rgb(196,  
220, 222) }
```

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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