

Converting Colors

$Yxy(68.3854, 0.2840, 0.3263)$

Have a look what the booklet for
Yxy(68.3854, 0.2840, 0.3263)
contains.

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Color

Yxy(68.2114, 0.2834, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	B6DFE2
RGB	182, 223, 226
RGB Percent	71%, 87%, 89%
CMY	0.2863, 0.1255, 0.1136
CMYK	0.19, 0.01, 0.00, 0.11
HSL	184°, 43%, 80%
HSV	184°, 19%, 89%
XYZ	59.4072, 68.2114, 82.0046
YIQ	211.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

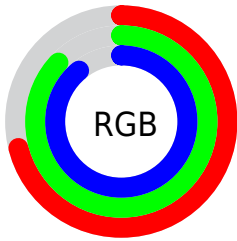
Format	Color
R _Y B	182, 203, 226
Decimal	11984866
CIE Lab	86.11, -12.64, -5.91
CIE LCh	86, 13.951, 205.065
Yxy	68.2114, 0.2834, 0.3254
Android (android.graphics.Color)	4290174946 (0xFFB6DFE2)
YUV	211.0830, 7.3541, -25.5058
Hunter-Lab	82.5902, -16.1376, -1.0565

Details

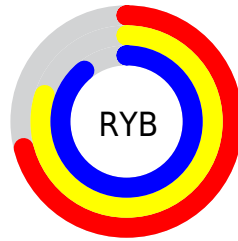
The Yxy color **68.2114, 0.2834, 0.3254** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2533, 0.3504, 0.3326**, and the grayscale version is **65.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **35.5347, 0.2761, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **64.8558, 0.2696, 0.3233**, and if you desaturate by 10%, it is **72.0243, 0.2981, 0.3273**.

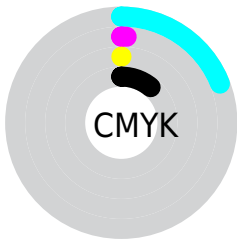
Distribution



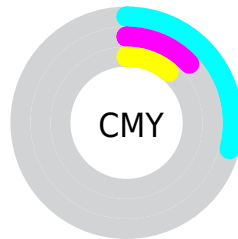
- Red (71%)
- Green (87%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)





- Cyan (29%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2114, 0.2834, 0.3254 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 68.2114, 0.2834, 0.3254 by changing the saturation by 10% instead.


 68.2114, 0.2834,
0.3254

 68.2114, 0.2834,
0.3254


454.2447, 0.2970,
0.3272

 50.0697, 0.2803,
0.3249


 116.6545, 0.2881,
0.3261

 35.4688, 0.2764,
0.3243

147.7248, 0.2900,
0.3263

 24.0242, 0.2715,
0.3235


183.8733, 0.2916,
0.3265

 15.3516, 0.2651,
0.3224

225.4846, 0.2929,
0.3267

 9.0665, 0.2563,
0.3208

272.9430, 0.2941,
0.3269

 4.7846, 0.2436,
0.3182

326.6328, 0.2952,

 2.1214, 0.2236,

0.3270

386.9386, 0.2962,
0.3271

0.3136

0.6766, 0.1540,
0.3113

0.0000, 0.0000,
0.0000

68.2114, 0.2834,
0.3254

68.2114, 0.2834,
0.3254

64.8558, 0.2696,
0.3233

72.0243, 0.2981,
0.3273

61.9278, 0.2571,
0.3212

76.3061, 0.3135,
0.3291

59.4072, 0.2462,
0.3189

81.0781, 0.3293,
0.3307

57.2688, 0.2370,
0.3166

82.9069, 0.3328,
0.3322

■ 55.4845, 0.2296,
0.3142

■ 83.7702, 0.3326,
0.3338

■ 54.0223, 0.2243,
0.3119

■ 84.6412, 0.3324,
0.3353

■ 52.8441, 0.2207,
0.3096

■ 85.5199, 0.3322,
0.3368

■ 51.8877, 0.2188,
0.3073

■ 86.4064, 0.3320,
0.3383

■ 51.8404, 0.2187,
0.3072

■ 87.3006, 0.3319,
0.3399

Harmonies

Analogous

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



68.2114, 0.2946, 0.3413



68.2114, 0.2834, 0.3254



68.2114, 0.2798, 0.3111

Triad

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



68.2114, 0.2834, 0.3254



68.2114, 0.3139, 0.3058



68.2114, 0.3411, 0.3560

Complementary

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



68.2114, 0.2834, 0.3254



54.2533, 0.3504, 0.3326

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.



68.2114, 0.3467, 0.3456



68.2114, 0.2834, 0.3254



68.2114, 0.3307, 0.3170

Square

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



68.2114, 0.2834, 0.3254



68.2114, 0.2971, 0.3003



68.2114, 0.3429, 0.3314



68.2114, 0.3279, 0.3593

Rectangle

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



68.2114, 0.2834, 0.3254



68.2114, 0.2822, 0.3043



68.2114, 0.3429, 0.3314



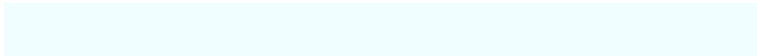
68.2114, 0.3440, 0.3532

Sweetspot

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



68.2142, 0.2834, 0.3254



96.5447, 0.3034, 0.3279



67.8508, 0.3084, 0.3788



20.5870, 0.3024, 0.3278



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.



68.2142, 0.2834, 0.3254



87.9815, 0.2782, 0.3247



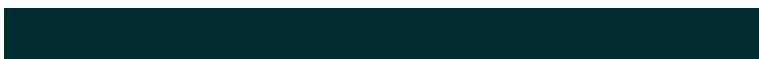
57.2437, 0.2818, 0.2992



15.4028, 0.2982, 0.3273



29.6388, 0.2188, 0.3075



2.1035, 0.2197, 0.3111

Inverse Universe

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



54.9531, 0.3173, 0.2839



67.8614, 0.3183, 0.2753



64.1488, 0.3458, 0.3571



13.9186, 0.3148, 0.3075



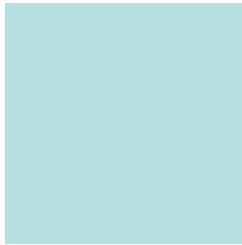
11.9001, 0.3389, 0.1640



0.8298, 0.3358, 0.1624

Previews

White Background



This preview shows how the Yxy color 68.2114, 0.2834, 0.3254 looks on a white background.

Color Contrast Check

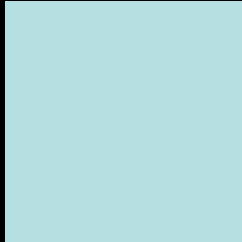
Large Text (above 18pt) WCAG AA × Fail

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 68.2114, 0.2834, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

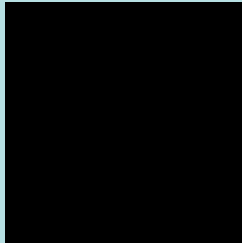
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

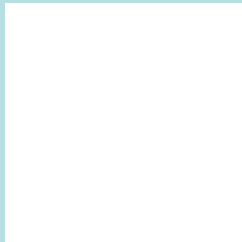
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2114, 0.2834, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 68.2114, 0.2834, 0.3254.



This preview shows how white text looks on a background with the Yxy color 68.2114, 0.2834, 0.3254.

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

68.2114, 0.2834, 0.3254

Protanopia

68.0653, 0.3102, 0.3213

Deuteranopia

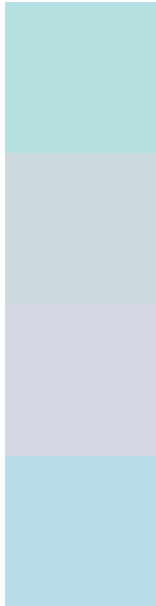
67.9161, 0.3137, 0.3076



Tritanopia

68.1352, 0.2770, 0.3084

Trichromacy



Original Color

68.2114, 0.2834, 0.3254

Protanomaly

67.7908, 0.2996, 0.3222

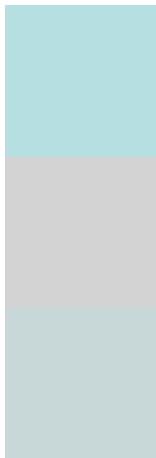
Deuteranomaly

67.6916, 0.3020, 0.3135

Tritanomaly

68.2503, 0.2793, 0.3151

Monochromacy



Original Color

68.2114, 0.2834, 0.3254

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8381, 0.3013, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2114, 0.2834, 0.3254 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(182, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 223, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.2114, 0.2834, 0.3254 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(182, 223, 226) }
```

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

```
.border{ border-color:rgb(182, 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(182, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 223,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2114, 0.2834, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 223, 226) }
```

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

```
.background{ background-color: rgb(182,  
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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