

Converting Colors

Yxy(67.1264, 0.2858, 0.3251)

Have a look what the booklet for
Yxy(67.1264, 0.2858, 0.3251)
contains.

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Color

Yxy(67.2851, 0.2857, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	B8DDE0
RGB	184, 221, 224
RGB Percent	72%, 87%, 88%
CMY	0.2785, 0.1333, 0.1214
CMYK	0.18, 0.01, 0.00, 0.12
HSL	185°, 39%, 80%
HSV	185°, 18%, 88%
XYZ	59.0761, 67.2851, 80.4154
YIQ	210.2790, -23.0150, -6.9110

Conversions

Conversions Part 2

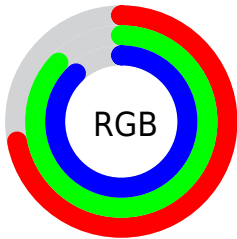
Format	Color
RYB	184, 203, 224
Decimal	12115424
CIELab	85.65, -11.43, -5.53
CIELCh	86, 12.698, 205.806
Yxy	67.2851, 0.2857, 0.3254
Android (android.graphics.Color)	4290305504 (0xFFB8DDE0)
YUV	210.2790, 6.7645, -23.0467
Hunter-Lab	82.0275, -14.9927, -0.7055

Details

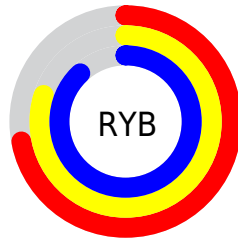
The Yxy color **67.2851, 0.2857, 0.3254** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8502, 0.3466, 0.3326**, and the grayscale version is **64.6070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **34.8828, 0.2789, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **63.8492, 0.2717, 0.3232**, and if you desaturate by 10%, it is **71.1736, 0.3006, 0.3275**.

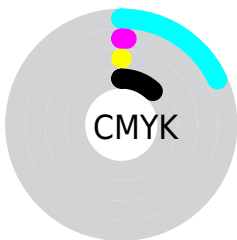
Distribution



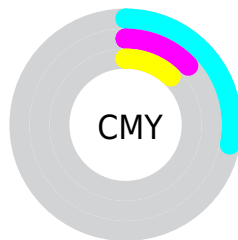
- Red (72%)
- Green (87%)
- Blue (88%)



- Red (72%)
- Yellow (80%)
- Blue (88%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)





- Cyan (28%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2851, 0.2857, 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 67.2851, 0.2857, 0.3254 by changing the saturation by 10% instead.


 67.2851, 0.2857,
0.3254

 67.2851, 0.2857,
0.3254


450.9589, 0.2983,
0.3272

 49.3164, 0.2828,
0.3249

 115.3288, 0.2901,
0.3261

 34.8705, 0.2792,
0.3244


146.1726, 0.2918,
0.3263

 23.5631, 0.2746,
0.3236


182.0769, 0.2932,
0.3265

 15.0099, 0.2686,
0.3225


223.4260, 0.2945,
0.3267

 8.8263, 0.2604,
0.3209

270.6043, 0.2956,
0.3269

 4.6281, 0.2484,
0.3184

323.9963, 0.2966,

 2.0307, 0.2295,

0.3270

383.9864, 0.2975,
0.3271

0.3139

0.6252, 0.1567,
0.3108

0.0000, 0.0000,
0.0000

67.2851, 0.2857,
0.3254

67.2851, 0.2857,
0.3254

63.8492, 0.2717,
0.3232

71.1736, 0.3006,
0.3275

60.8370, 0.2590,
0.3208

75.5257, 0.3160,
0.3294

58.2290, 0.2477,
0.3183

80.3622, 0.3318,
0.3311

56.0010, 0.2381,
0.3158

82.0034, 0.3343,
0.3328

■ 54.1259, 0.2304,
0.3132

■ 82.9367, 0.3341,
0.3345

■ 52.5731, 0.2246,
0.3106

■ 83.8791, 0.3339,
0.3361

■ 51.3066, 0.2207,
0.3080

■ 84.8306, 0.3337,
0.3378

■ 50.2762, 0.2184,
0.3055

■ 85.7913, 0.3335,
0.3395

■ 50.0717, 0.2181,
0.3050

■ 86.7612, 0.3332,
0.3411

Harmonies

Analogous

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



67.2851, 0.2959, 0.3399



67.2851, 0.2857, 0.3254



67.2851, 0.2826, 0.3124

Triad

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



67.2851, 0.2857, 0.3254



67.2851, 0.3142, 0.3079



67.2851, 0.3385, 0.3539

Complementary

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



67.2851, 0.2857, 0.3254



54.8502, 0.3466, 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.



67.2851, 0.3438, 0.3446



67.2851, 0.2857, 0.3254



67.2851, 0.3296, 0.3183

Square

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



67.2851, 0.2857, 0.3254



67.2851, 0.2988, 0.3028



67.2851, 0.3405, 0.3316



67.2851, 0.3263, 0.3566

Rectangle

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



67.2851, 0.2857, 0.3254



67.2851, 0.2849, 0.3063



67.2851, 0.3405, 0.3316



67.2851, 0.3411, 0.3514

Sweetspot

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



67.2879, 0.2857, 0.3254



97.0493, 0.3049, 0.3280



67.0874, 0.3088, 0.3742



20.6866, 0.3038, 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.



67.2879, 0.2857, 0.3254



88.6693, 0.2810, 0.3247



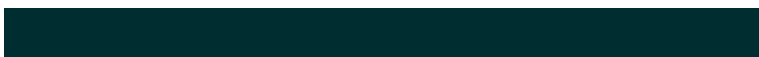
57.4983, 0.2845, 0.3019



15.3860, 0.2982, 0.3272



29.2120, 0.2182, 0.3053



2.0783, 0.2192, 0.3092

Inverse Universe

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



55.3427, 0.3171, 0.2880



70.2059, 0.3180, 0.2803



63.7787, 0.3428, 0.3547



13.9169, 0.3149, 0.3076



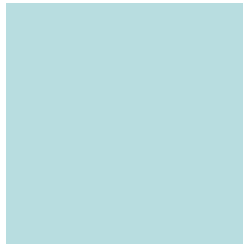
11.8570, 0.3407, 0.1651



0.8273, 0.3374, 0.1632

Previews

White Background



This preview shows how the Yxy color 67.2851, 0.2857, 0.3254 looks on a white background.

Color Contrast Check

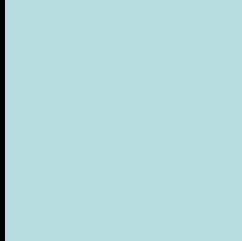
Large Text (above 18pt) WCAG AA × Fail

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 67.2851, 0.2857, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

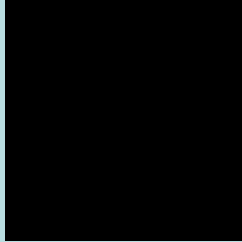
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

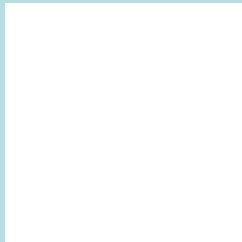
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2851, 0.2857, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 67.2851, 0.2857, 0.3254.

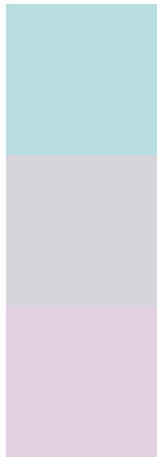


This preview shows how white text looks on a background with the Yxy color 67.2851, 0.2857, 0.3254.

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

67.2851, 0.2857, 0.3254

Protanopia

66.8004, 0.3109, 0.3212

Deuteranopia

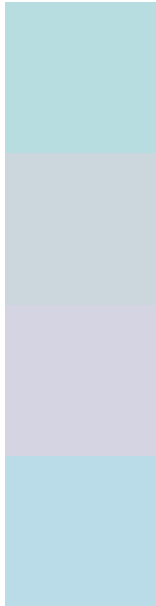
66.6657, 0.3145, 0.3075



Tritanopia

67.2166, 0.2792, 0.3084

Trichromacy



Original Color

67.2851, 0.2857, 0.3254

Protanomaly

66.6587, 0.3009, 0.3222

Deuteranomaly

66.5750, 0.3033, 0.3134

Tritanomaly

67.3269, 0.2816, 0.3151

Monochromacy



Original Color

67.2851, 0.2857, 0.3254

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.4169, 0.3027, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2851, 0.2857, 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(184, 221, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 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(184, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 224) }
```

Border

The CSS property to change the border of an element to Yxy 67.2851, 0.2857, 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(184, 221, 224) }
```

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

```
.border{ border-color:rgb(184, 221, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2851, 0.2857, 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(184, 221, 224) }
```

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

```
.background{ background-color: rgb(184,  
221, 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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