

Converting Colors

$Yxy(68.8715, 0.2850, 0.3282)$

Have a look what the booklet for
Yxy(68.8715, 0.2850, 0.3282)
contains.

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Color

Yxy(68.8148, 0.2847, 0.3278)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B7E0E1 |
| RGB | 183, 224, 225 |
| RGB Percent | 72%, 88%, 88% |
| CMY | 0.2825, 0.1215, 0.1177 |
| CMYK | 0.19, 0.00, 0.00, 0.12 |
| HSL | 181°, 41%, 80% |
| HSV | 181°, 19%, 88% |
| XYZ | 59.7669, 68.8148, 81.3476 |
| YIQ | 211.8550, -24.7570, -8.3810 |

Conversions

Conversions Part 2

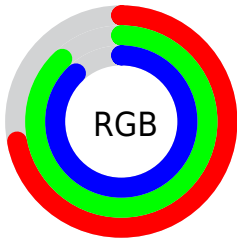
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 183, 204, 225 |
| Decimal | 12050657 |
| CIE Lab | 86.41, -13.07, -4.91 |
| CIE LCh | 86, 13.961, 200.572 |
| Yxy | 68.8148, 0.2847, 0.3278 |
| Android (android.graphics.Color) | 4290240737 (0xFFB7E0E1) |
| YUV | 211.8550, 6.4805, -25.3058 |
| Hunter-Lab | 82.9547, -16.5658, -0.0731 |

Details

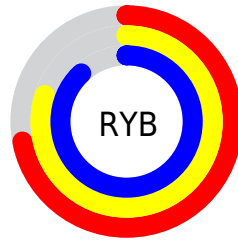
The Yxy color **68.8148, 0.2847, 0.3278** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.6756, 0.3489, 0.3302**, and the grayscale version is **65.7031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **35.9453, 0.2777, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **65.9999, 0.2711, 0.3271**, and if you desaturate by 10%, it is **72.0770, 0.2994, 0.3285**.

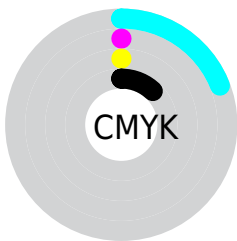
Distribution



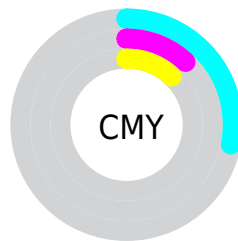
- Red (72%)
- Green (88%)
- Blue (88%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8148, 0.2847, 0.3278 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 68.8148, 0.2847, 0.3278 by changing the saturation by 10% instead.


 68.8148, 0.2847,
0.3278

 68.8148, 0.2847,
0.3278


456.3775, 0.2977,
0.3285

 50.5609, 0.2817,
0.3276


 117.5170, 0.2892,
0.3281

 35.8593, 0.2780,
0.3273

148.7341, 0.2910,
0.3282

 24.3255, 0.2734,
0.3270


185.0411, 0.2925,
0.3283

 15.5753, 0.2672,
0.3265

226.8223, 0.2938,
0.3283

 9.2241, 0.2588,
0.3256

274.4621, 0.2950,
0.3284

 4.8877, 0.2467,
0.3243

328.3450, 0.2960,

 2.1815, 0.2277,

0.3284

388.8554, 0.2969,
0.3285

0.3216

0.7099, 0.1624,
0.3242

0.0000, 0.0000,
0.0000

68.8148, 0.2847,
0.3278

68.8148, 0.2847,
0.3278

65.9999, 0.2711,
0.3271

72.0770, 0.2994,
0.3285

63.6031, 0.2589,
0.3264


75.7977, 0.3148,
0.3291


61.6045, 0.2482,
0.3256

79.9980, 0.3307,
0.3296


59.9794, 0.2394,
0.3248


81.1274, 0.3339,
0.3302


 58.7003, 0.2325,
0.3240


 81.4079, 0.3338,
0.3307

 57.7359, 0.2276,
0.3233


 81.6893, 0.3338,
0.3312


 57.0494, 0.2244,
0.3225

 81.9716, 0.3337,
0.3317

 56.5852, 0.2229,
0.3218

 82.2547, 0.3336,
0.3322

 56.5299, 0.2227,
0.3217

 82.5386, 0.3336,
0.3327

Harmonies

Analogous

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



68.8148, 0.2969, 0.3435



68.8148, 0.2847, 0.3278



68.8148, 0.2799, 0.3130

Triad

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



68.8148, 0.2847, 0.3278



68.8148, 0.3112, 0.3046



68.8148, 0.3425, 0.3548

Complementary

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



68.8148, 0.2847, 0.3278



53.6756, 0.3489, 0.3302

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.



68.8148, 0.3467, 0.3436



68.8148, 0.2847, 0.3278



68.8148, 0.3284, 0.3151

Square

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



68.8148, 0.2847, 0.3278



68.8148, 0.2949, 0.3002



68.8148, 0.3415, 0.3292



68.8148, 0.3302, 0.3592

Rectangle

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



68.8148, 0.2847, 0.3278



68.8148, 0.2814, 0.3056



68.8148, 0.3415, 0.3292



68.8148, 0.3449, 0.3516

Sweetspot

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



68.8176, 0.2847, 0.3278



96.9896, 0.3034, 0.3286



67.3480, 0.3099, 0.3791



20.6926, 0.3024, 0.3286



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.



68.8176, 0.2847, 0.3278



90.0520, 0.2798, 0.3276



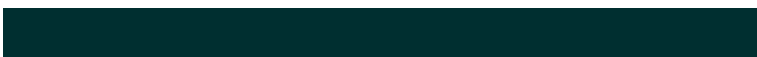
58.3407, 0.2833, 0.3031



15.5157, 0.2982, 0.3284



32.6084, 0.2227, 0.3218



2.2775, 0.2230, 0.3229

Inverse Universe

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



55.2425, 0.3156, 0.2838



69.1984, 0.3162, 0.2753



62.9285, 0.3447, 0.3536



13.9299, 0.3141, 0.3064



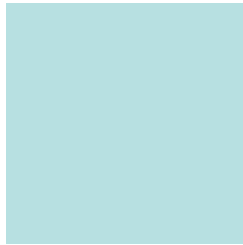
12.1999, 0.3267, 0.1573



0.8474, 0.3257, 0.1568

Previews

White Background



This preview shows how the Yxy color 68.8148, 0.2847, 0.3278 looks on a white background.

Color Contrast Check

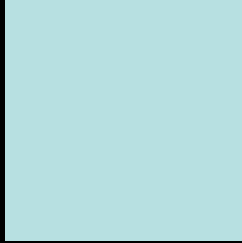
Large Text (above 18pt) WCAG AA × Fail

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 68.8148, 0.2847, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

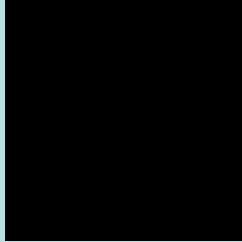
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

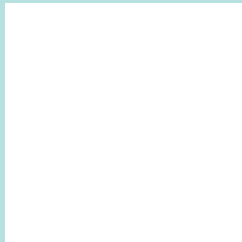
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8148, 0.2847, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 68.8148, 0.2847, 0.3278.

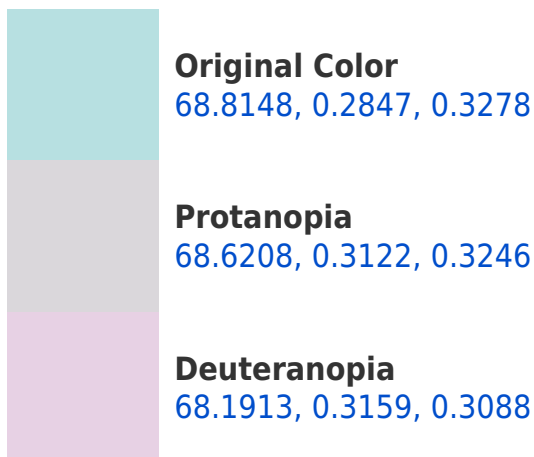


This preview shows how white text looks on a background with the Yxy color 68.8148, 0.2847, 0.3278.

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

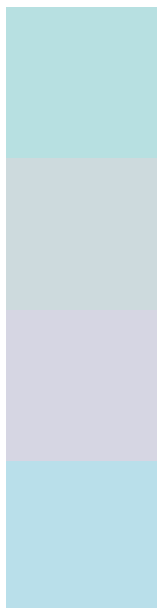




Tritanopia

68.9137, 0.2784, 0.3096

Trichromacy



Original Color

68.8148, 0.2847, 0.3278

Protanomaly

68.3424, 0.3016, 0.3256

Deuteranomaly

67.9353, 0.3040, 0.3147

Tritanomaly

69.0302, 0.2807, 0.3163

Monochromacy



Original Color

68.8148, 0.2847, 0.3278

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.5390, 0.3014, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8148, 0.2847, 0.3278 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(183, 224, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 224, 225)  
}
```

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(183, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 224, 225) }
```

Border

The CSS property to change the border of an element to Yxy 68.8148, 0.2847, 0.3278 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(183, 224, 225) }
```

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

```
.border{ border-color:rgb(183, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 224,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8148, 0.2847, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 224, 225) }
```

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

```
.background{ background-color: rgb(183,  
224, 225) }
```

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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