

Converting Colors

$Yxy(80.5771, 0.2843, 0.3278)$

Have a look what the booklet for
Yxy(80.5771, 0.2843, 0.3278)
contains.

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Color

Yxy(80.4068, 0.2846, 0.3278)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4F0F1 |
| RGB | 196, 240, 241 |
| RGB Percent | 77%, 94%, 95% |
| CMY | 0.2312, 0.0588, 0.0548 |
| CMYK | 0.19, 0.00, 0.00, 0.05 |
| HSL | 181°, 62%, 86% |
| HSV | 181°, 19%, 95% |
| XYZ | 69.8102, 80.4068, 95.0753 |
| YIQ | 226.9580, -26.5450, -9.0170 |

Conversions

Conversions Part 2

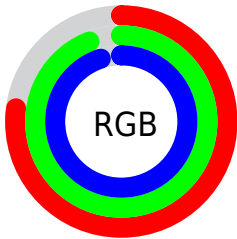
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 218, 241 |
| Decimal | 12906737 |
| CIE _{Lab} | 91.87, -13.82, -5.18 |
| CIE _{LCh} | 92, 14.759, 200.559 |
| Yxy | 80.4068, 0.2846, 0.3278 |
| Android (android.graphics.Color) | 4291096817 (0xFFC4F0F1) |
| YUV | 226.9580, 6.9227, -27.1502 |
| Hunter-Lab | 89.6698, -17.9556, -0.0952 |

Details

The Yxy color **80.4068, 0.2846, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.6498, 0.3491, 0.3302**, and the grayscale version is **76.7536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **43.4465, 0.2780, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **77.1099, 0.2710, 0.3271**, and if you desaturate by 10%, it is **84.2305, 0.2993, 0.3285**.

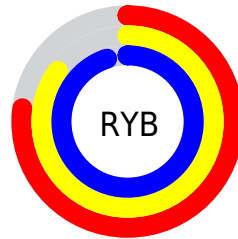
Distribution



Red (77%)

Green (94%)

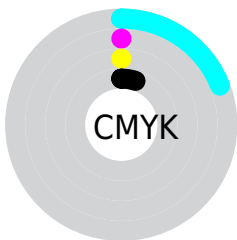
Blue (95%)



Red (77%)

Yellow (85%)

Blue (95%)

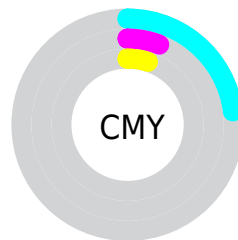


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.4068, 0.2846, 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 80.4068, 0.2846, 0.3278 by changing the saturation by 10% instead.

80.4068, 0.2846,
0.3278

80.4068, 0.2846,
0.3278

496.3027, 0.2973,
0.3285

60.0532, 0.2818,
0.3276

133.9375, 0.2889,
0.3281

43.4615, 0.2783,
0.3274

167.8834, 0.2906,
0.3282

30.2474, 0.2740,
0.3270

207.1288, 0.2921,
0.3282

20.0264, 0.2685,
0.3266

252.0582, 0.2934,
0.3283

12.4143, 0.2611,
0.3259

303.0558, 0.2946,
0.3284

7.0265, 0.2507,
0.3248

360.5062, 0.2956,

3.4787, 0.2353,

0.3284

424.7937, 0.2965,
0.3285

0.3228

1.3864, 0.2098,
0.3185

0.2067, 0.0000,
0.2603

80.4068, 0.2846,
0.3278

80.4068, 0.2846,
0.3278

77.1099, 0.2710,
0.3271

84.2305, 0.2993,
0.3285

74.3051, 0.2587,
0.3264

88.5941, 0.3148,
0.3291

71.9690, 0.2481,
0.3256

90.9047, 0.3219,
0.3296

70.0723, 0.2392,
0.3248

91.2315, 0.3218,
0.3302

68.5824, 0.2324,
0.3240

91.5593, 0.3218,
0.3307

67.4622, 0.2274,
0.3233

91.8880, 0.3218,
0.3312

66.6678, 0.2244,
0.3225

92.2178, 0.3217,
0.3318

66.1351, 0.2229,
0.3218

92.5485, 0.3217,
0.3323

66.0723, 0.2227,
0.3217

92.8803, 0.3216,
0.3328

Harmonies

Analogous

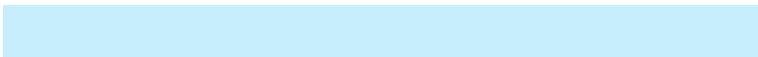
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4068, 0.2968, 0.3435



80.4068, 0.2846, 0.3278



80.4068, 0.2798, 0.3129

Triad

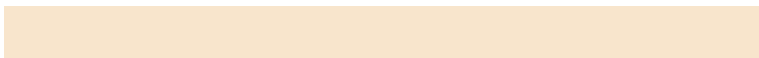
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4068, 0.2846, 0.3278



80.4068, 0.3112, 0.3045



80.4068, 0.3426, 0.3549

Complementary

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



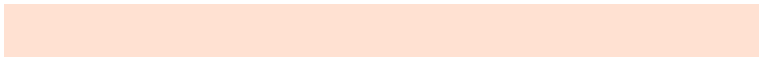
80.4068, 0.2846, 0.3278



62.6498, 0.3491, 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.



80.4068, 0.3468, 0.3437



80.4068, 0.2846, 0.3278



80.4068, 0.3284, 0.3150

Square

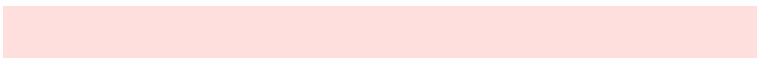
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.4068, 0.2846, 0.3278



80.4068, 0.2948, 0.3001



80.4068, 0.3416, 0.3292



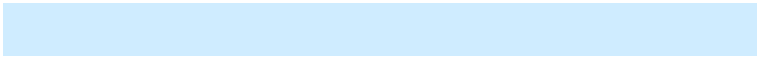
80.4068, 0.3303, 0.3594

Rectangle

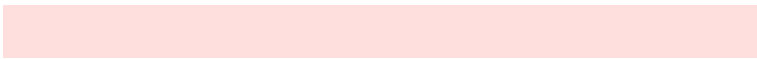
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.4068, 0.2846, 0.3278



80.4068, 0.2813, 0.3056



80.4068, 0.3416, 0.3292



80.4068, 0.3450, 0.3517

Sweetspot

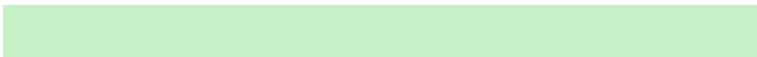
The Sweet Spot groups the original color and five complimentary colors.



80.4101, 0.2846, 0.3278



96.9906, 0.3034, 0.3286



78.6845, 0.3099, 0.3793



20.6928, 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.



80.4101, 0.2846, 0.3278



90.0555, 0.2798, 0.3276



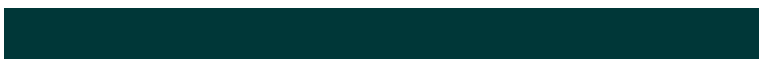
68.1192, 0.2832, 0.3030



17.8635, 0.2981, 0.3284



35.8512, 0.2227, 0.3218



3.0020, 0.2230, 0.3228

Inverse Universe

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



64.4896, 0.3156, 0.2837



69.1988, 0.3162, 0.2753



73.4988, 0.3448, 0.3537



16.0248, 0.3142, 0.3063



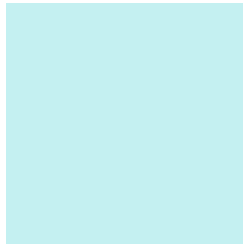
13.4126, 0.3267, 0.1573



1.1178, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 80.4068, 0.2846, 0.3278 looks on a white background.

Color Contrast Check

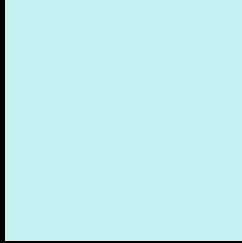
Large Text (above 18pt) WCAG AA × Fail

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 80.4068, 0.2846, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

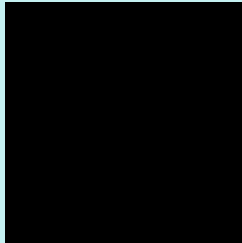
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.4068, 0.2846, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 80.4068, 0.2846, 0.3278.

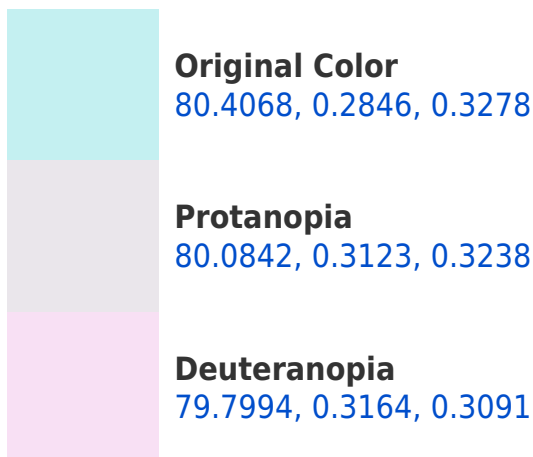


This preview shows how white text looks on a background with the Yxy color 80.4068, 0.2846, 0.3278.

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

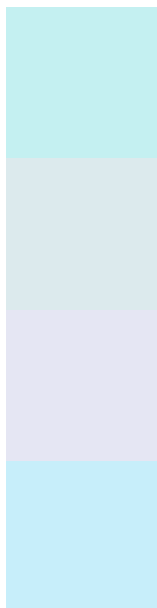




Tritanopia

80.2059, 0.2797, 0.3098

Trichromacy



Original Color

80.4068, 0.2846, 0.3278

Protanomaly

80.1757, 0.3016, 0.3258

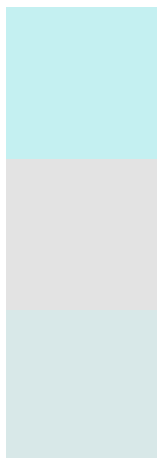
Deuteranomaly

79.7227, 0.3039, 0.3156

Tritanomaly

80.1933, 0.2813, 0.3161

Monochromacy



Original Color

80.4068, 0.2846, 0.3278

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

78.1384, 0.3020, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4068, 0.2846, 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(196, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(196, 240, 241)  
}
```

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, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 240, 241) }
```

Border

The CSS property to change the border of an element to Yxy 80.4068, 0.2846, 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(196, 240, 241) }
```

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

```
.border{ border-color:rgb(196, 240, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 240, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(196, 240,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4068, 0.2846, 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(196, 240, 241) }
```

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

```
.background{ background-color: rgb(196,  
240, 241) }
```

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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