

Converting Colors

$Yxy(81.6008, 0.2865, 0.3278)$

Have a look what the booklet for
Yxy(81.6008, 0.2865, 0.3278)
contains.

| | |
|--|----|
| Yxy(81.6008, 0.2865, 0.3278) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(81.6008, 0.2865, 0.3278)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C8F1F2 |
| RGB | 200, 241, 242 |
| RGB Percent | 78%, 95%, 95% |
| CMY | 0.2154, 0.0550, 0.0509 |
| CMYK | 0.17, 0.00, 0.00, 0.05 |
| HSL | 181°, 62%, 87% |
| HSV | 181°, 17%, 95% |
| XYZ | 71.3198, 81.6008, 96.0141 |
| YIQ | 228.8550, -24.7570, -8.3810 |

Conversions

Conversions Part 2

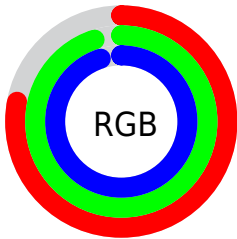
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 200, 221, 242 |
| Decimal | 13169138 |
| CIE Lab | 92.40, -12.88, -4.89 |
| CIE LCh | 92, 13.779, 200.805 |
| Yxy | 81.6008, 0.2865, 0.3278 |
| Android (android.graphics.Color) | 4291359218 (0xFFC8F1F2) |
| YUV | 228.8550, 6.4805, -25.3058 |
| Hunter-Lab | 90.3332, -17.1538, 0.2145 |

Details

The Yxy color **81.6008, 0.2865, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8845, 0.3459, 0.3302**, and the grayscale version is **78.2204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2628, 0.2803, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **78.1750, 0.2727, 0.3270**, and if you desaturate by 10%, it is **85.5621, 0.3014, 0.3285**.

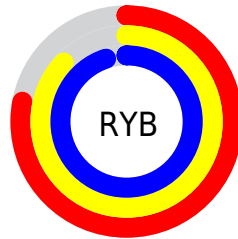
Distribution



Red (78%)

Green (95%)

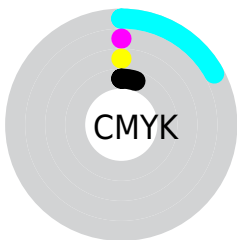
Blue (95%)



Red (78%)

Yellow (87%)

Blue (95%)

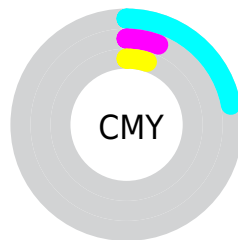


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (22%)


Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.6008, 0.2865, 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 81.6008, 0.2865, 0.3278 by changing the saturation by 10% instead.

 81.6008, 0.2865,
0.3278

 81.6008, 0.2865,
0.3278


500.3114, 0.2983,
0.3285

 61.0365, 0.2839,
0.3276


135.6140, 0.2905,
0.3281

 44.2547, 0.2807,
0.3274


169.8318, 0.2921,
0.3281

 30.8708, 0.2767,
0.3271


209.3695, 0.2935,
0.3282

 20.5005, 0.2715,
0.3267

254.6116, 0.2947,
0.3283

 12.7593, 0.2647,
0.3260

305.9425, 0.2958,
0.3283

 7.2630, 0.2551,
0.3250


363.7464, 0.2967,


 3.6271, 0.2409,


0.3284

0.3232


428.4080, 0.2975,
0.3284


 1.4673, 0.2175,
0.3195


 0.2655, 0.0000,
0.2961


 81.6008, 0.2865,
0.3278


 81.6008, 0.2865,
0.3278


 78.1750, 0.2727,
0.3270


 85.5621, 0.3014,
0.3285


 75.2498, 0.2602,
0.3263

 90.0718, 0.3169,
0.3292

 72.8018, 0.2493,
0.3254

 91.6448, 0.3212,
0.3298

 70.8018, 0.2402,
0.3246

 92.0041, 0.3211,
0.3303

■ 69.2175, 0.2331,
0.3237

■ 92.3646, 0.3211,
0.3309

■ 68.0119, 0.2279,
0.3229

■ 92.7263, 0.3210,
0.3315

■ 67.1420, 0.2245,
0.3221

■ 93.0892, 0.3210,
0.3321

■ 66.5511, 0.2228,
0.3213

■ 93.4532, 0.3209,
0.3327

■ 66.4171, 0.2225,
0.3211

■ 93.8184, 0.3209,
0.3332

Harmonies

Analogous

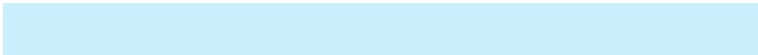
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6008, 0.2978, 0.3424



81.6008, 0.2865, 0.3278



81.6008, 0.2821, 0.3140

Triad

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



81.6008, 0.2865, 0.3278



81.6008, 0.3115, 0.3062



81.6008, 0.3404, 0.3531

Complementary

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



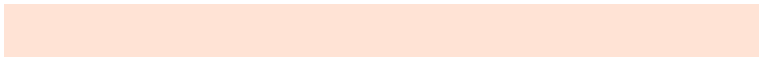
81.6008, 0.2865, 0.3278



64.8845, 0.3459, 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.



81.6008, 0.3444, 0.3428



81.6008, 0.2865, 0.3278



81.6008, 0.3274, 0.3161

Square

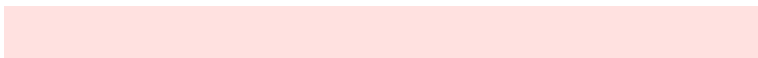
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



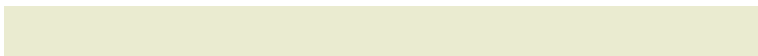
81.6008, 0.2865, 0.3278



81.6008, 0.2962, 0.3021



81.6008, 0.3396, 0.3293



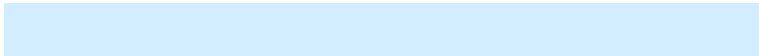
81.6008, 0.3289, 0.3572

Rectangle

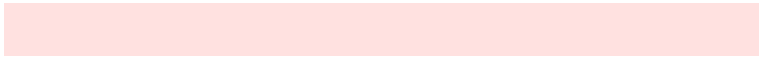
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



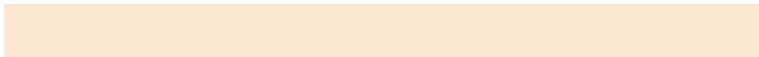
81.6008, 0.2865, 0.3278



81.6008, 0.2835, 0.3072



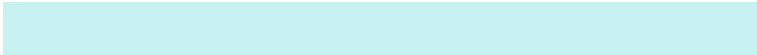
81.6008, 0.3396, 0.3293



81.6008, 0.3427, 0.3502

Sweetspot

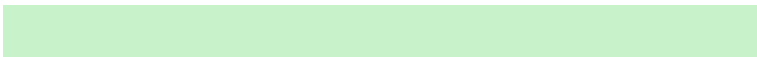
The Sweet Spot groups the original color and five complimentary colors.



81.6042, 0.2865, 0.3278



97.4600, 0.3049, 0.3287



80.0159, 0.3101, 0.3753



20.7868, 0.3038, 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.



81.6042, 0.2865, 0.3278



90.3758, 0.2812, 0.3275



70.0745, 0.2854, 0.3050



17.8577, 0.2981, 0.3284



35.7034, 0.2226, 0.3212



2.9913, 0.2229, 0.3223

Inverse Universe

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



66.5770, 0.3155, 0.2870



70.3782, 0.3161, 0.2778



75.1659, 0.3423, 0.3519



16.0243, 0.3142, 0.3063



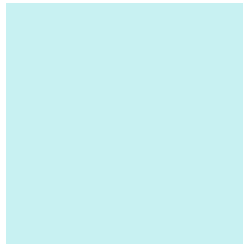
13.3976, 0.3272, 0.1576



1.1167, 0.3263, 0.1571

Previews

White Background



This preview shows how the Yxy color 81.6008, 0.2865, 0.3278 looks on a white background.

Color Contrast Check

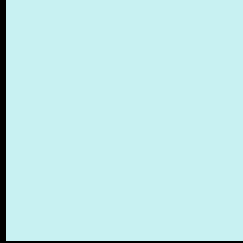
Large Text (above 18pt) WCAG AA × Fail

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 81.6008, 0.2865, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

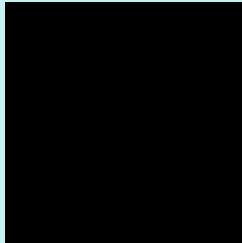
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.6008, 0.2865, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 81.6008, 0.2865, 0.3278.

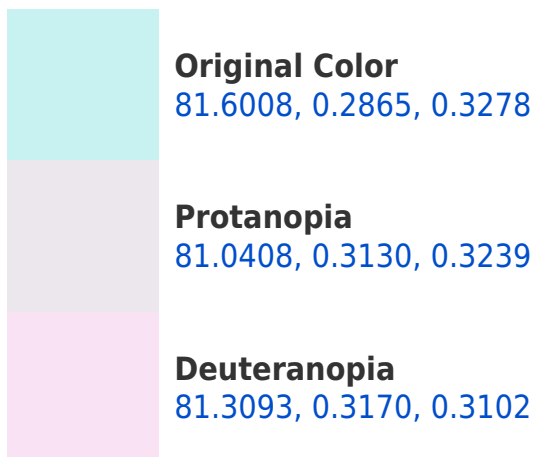


This preview shows how white text looks on a background with the Yxy color 81.6008, 0.2865, 0.3278.

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

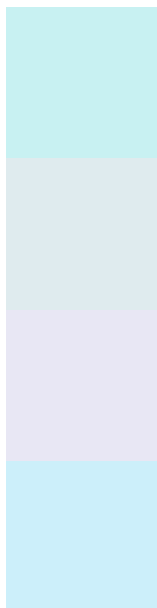




Tritanopia

81.6345, 0.2833, 0.3111

Trichromacy



Original Color

81.6008, 0.2865, 0.3278

Protanomaly

81.2777, 0.3030, 0.3258

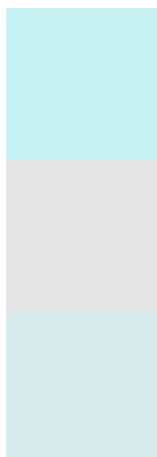
Deuteranomaly

80.8393, 0.3053, 0.3157

Tritanomaly

81.4725, 0.2843, 0.3172

Monochromacy



Original Color

81.6008, 0.2865, 0.3278

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.1238, 0.3021, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.6008, 0.2865, 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(200, 241, 242)` looks like.

```
.text, #text, p{  
    color:rgb(200, 241, 242)  
}
```

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(200, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 241, 242) }
```

Border

The CSS property to change the border of an element to Yxy 81.6008, 0.2865, 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(200, 241, 242) }
```

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

```
.border{ border-color:rgb(200, 241, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 241, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 241, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 241, 242); box-shadow:4px 4px 4px 4px rgb(200, 241, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 81.6008, 0.2865, 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(200, 241, 242) }
```

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

```
.background{ background-color: rgb(200,  
241, 242) }
```

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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