

Converting Colors

$Yxy(83.5982, 0.2985, 0.3283)$

Have a look what the booklet for
Yxy(83.5982, 0.2985, 0.3283)
contains.

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Color

Yxy(83.5765, 0.2980, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DAF0F1
RGB	218, 240, 241
RGB Percent	85%, 94%, 95%
CMY	0.1450, 0.0588, 0.0549
CMYK	0.10, 0.00, 0.00, 0.05
HSL	183°, 45%, 90%
HSV	183°, 10%, 95%
XYZ	75.9555, 83.5765, 95.3521
YIQ	233.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

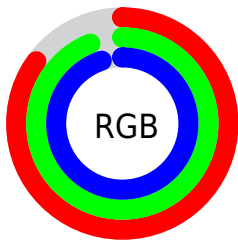
Format	Color
R _Y B	218, 229, 241
Decimal	14348529
CIE Lab	93.27, -6.98, -2.96
CIE LCh	93, 7.583, 202.944
Yxy	83.5765, 0.2980, 0.3279
Android (android.graphics.Color)	4292538609 (0xFFDAF0F1)
YUV	233.5360, 3.6798, -13.6251
Hunter-Lab	91.4202, -11.6805, 2.1541

Details

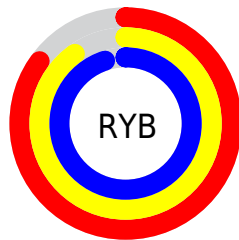
The Yxy color **83.5765, 0.2980, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4426, 0.3294, 0.3301**, and the grayscale version is **81.8944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.5703, 0.2948, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **79.5101, 0.2833, 0.3267**, and if you desaturate by 10%, it is **88.1938, 0.3134, 0.3291**.

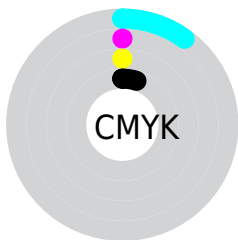
Distribution



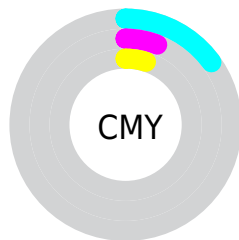
- Red (85%)
- Green (94%)
- Blue (95%)



- Red (85%)
- Yellow (90%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.5765, 0.2980, 0.3279 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 83.5765, 0.2980, 0.3279 by changing the saturation by 10% instead.

83.5765, 0.2980,
0.3279

83.5765, 0.2980,
0.3279

506.9058, 0.3046,
0.3284

62.6658, 0.2965,
0.3278

138.3826, 0.3003,
0.3281

45.5709, 0.2947,
0.3276

173.0469, 0.3012,
0.3282

31.9074, 0.2925,
0.3274

213.0644, 0.3019,
0.3282

21.2908, 0.2896,
0.3271

258.8197, 0.3026,
0.3283

13.3367, 0.2858,
0.3267

310.6971, 0.3032,
0.3283

7.6608, 0.2804,
0.3261

369.0810, 0.3037,

3.8787, 0.2724,

0.3284

434.3558, 0.3042,
0.3284

0.3252

1.6059, 0.2590,
0.3233

0.3616, 0.1526,
0.3185

83.5765, 0.2980,
0.3279

83.5765, 0.2980,
0.3279

79.5101, 0.2833,
0.3267

88.1938, 0.3134,
0.3291

75.9608, 0.2696,
0.3253


91.1825, 0.3219,
0.3301

72.9072, 0.2573,
0.3239

91.8135, 0.3218,
0.3311

70.3224, 0.2466,
0.3225

92.4481, 0.3217,
0.3321

 68.1769, 0.2377,
0.3210


 93.0863, 0.3216,
0.3332


 66.4378, 0.2308,
0.3195


 93.7282, 0.3215,
0.3342


 65.0673, 0.2257,
0.3180

 94.3738, 0.3214,
0.3352

 64.0210, 0.2226,
0.3166

 95.0230, 0.3214,
0.3362

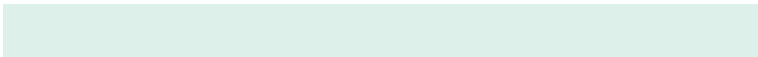
 63.2274, 0.2209,
0.3151

 95.6759, 0.3213,
0.3372

Harmonies

Analogous

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



83.5765, 0.3041, 0.3358



83.5765, 0.2980, 0.3279



83.5765, 0.2958, 0.3205

Triad

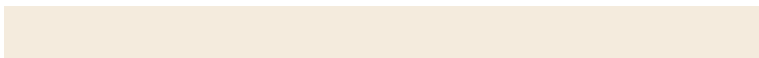
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5765, 0.2980, 0.3279



83.5765, 0.3128, 0.3167



83.5765, 0.3275, 0.3425

Complementary

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



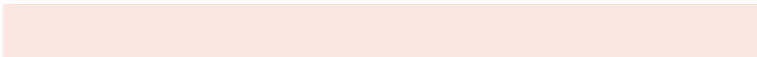
83.5765, 0.2980, 0.3279



74.4426, 0.3294, 0.3301

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.



83.5765, 0.3299, 0.3372



83.5765, 0.2980, 0.3279



83.5765, 0.3213, 0.3224

Square

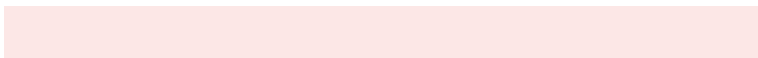
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5765, 0.2980, 0.3279



83.5765, 0.3043, 0.3142



83.5765, 0.3277, 0.3298



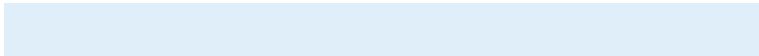
83.5765, 0.3211, 0.3443

Rectangle

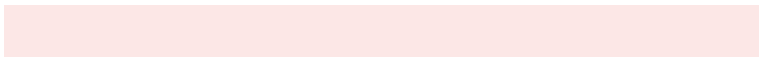
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



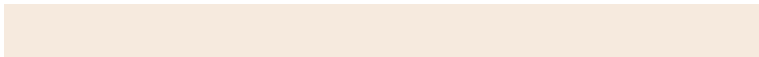
83.5765, 0.2980, 0.3279



83.5765, 0.2969, 0.3168



83.5765, 0.3277, 0.3298



83.5765, 0.3288, 0.3411

Sweetspot

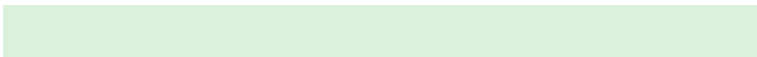
The Sweet Spot groups the original color and five complimentary colors.



83.5800, 0.2980, 0.3279



98.3641, 0.3080, 0.3287



82.9267, 0.3111, 0.3528



20.9625, 0.3068, 0.3286



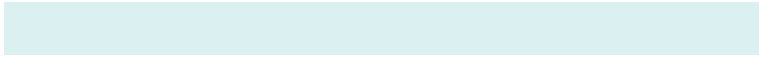
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5800, 0.2980, 0.3279



94.2809, 0.2957, 0.3277



77.1589, 0.2979, 0.3160



17.8032, 0.2981, 0.3279



34.3198, 0.2209, 0.3153



2.8916, 0.2214, 0.3172

Inverse Universe

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



75.1467, 0.3145, 0.3066



83.3119, 0.3148, 0.3030



80.5147, 0.3281, 0.3417



16.0187, 0.3145, 0.3067



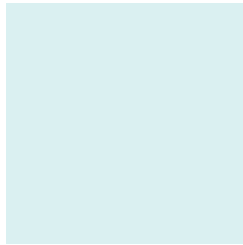
13.2580, 0.3322, 0.1604



1.1066, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 83.5765, 0.2980, 0.3279 looks on a white background.

Color Contrast Check

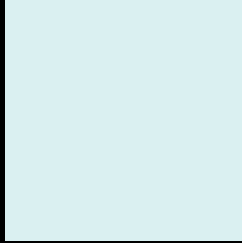
Large Text (above 18pt) WCAG AA × Fail

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 83.5765, 0.2980, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

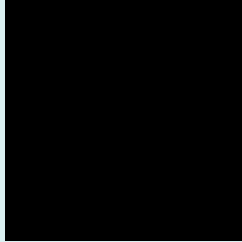
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

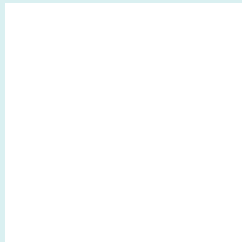
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.5765, 0.2980, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 83.5765, 0.2980, 0.3279.

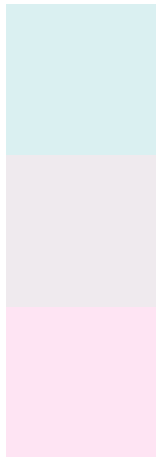


This preview shows how white text looks on a background with the Yxy color 83.5765, 0.2980, 0.3279.

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

83.5765, 0.2980, 0.3279

Protanopia

83.3694, 0.3136, 0.3249

Deuteranopia

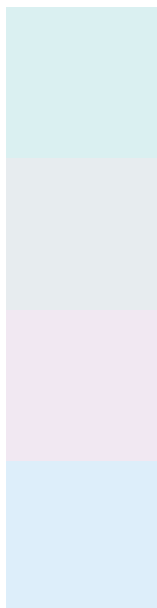
83.0287, 0.3210, 0.3143



Tritanopia

83.3180, 0.2924, 0.3105

Trichromacy



Original Color

83.5765, 0.2980, 0.3279

Protanomaly

83.2118, 0.3076, 0.3259

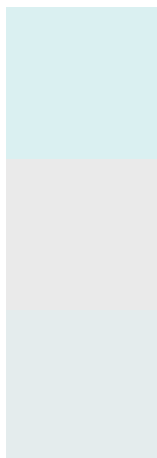
Deuteranomaly

82.8248, 0.3125, 0.3189

Tritanomaly

83.4234, 0.2947, 0.3166

Monochromacy



Original Color

83.5765, 0.2980, 0.3279

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.5993, 0.3068, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5765, 0.2980, 0.3279 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(218, 240, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 240, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 241) }
```

Border

The CSS property to change the border of an element to Yxy 83.5765, 0.2980, 0.3279 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(218, 240, 241) }
```

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

```
.border{ border-color:rgb(218, 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(218, 240, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5765, 0.2980, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 241) }
```

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

```
.background{ background-color: rgb(218,  
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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