

Converting Colors

Yxy(83.4585, 0.2937, 0.3253)

Have a look what the booklet for
Yxy(83.4585, 0.2937, 0.3253)
contains.

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Color

Yxy(83.7384, 0.2938, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	D6F1F4
RGB	214, 241, 244
RGB Percent	84%, 95%, 96%
CMY	0.1608, 0.0549, 0.0431
CMYK	0.12, 0.01, 0.00, 0.04
HSL	186°, 58%, 90%
HSV	186°, 12%, 96%
XYZ	75.5136, 83.7384, 97.7719
YIQ	233.2690, -17.0550, -4.7910

Conversions

Conversions Part 2

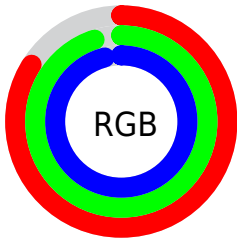
Format	Color
R _Y B	214, 228, 244
Decimal	14086644
CIE Lab	93.34, -8.19, -4.44
CIE LCh	93, 9.315, 208.465
Yxy	83.7384, 0.2938, 0.3258
Android (android.graphics.Color)	4292276724 (0xFFD6F1F4)
YUV	233.2690, 5.2904, -16.8989
Hunter-Lab	91.5087, -12.8407, 0.7080

Details

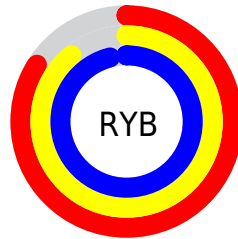
The Yxy color **83.7384, 0.2938, 0.3258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7063, 0.3347, 0.3322**, and the grayscale version is **81.6686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.6997, 0.2895, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **78.9097, 0.2791, 0.3229**, and if you desaturate by 10%, it is **89.1432, 0.3091, 0.3284**.

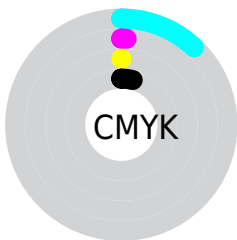
Distribution



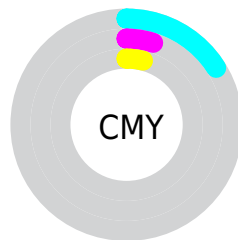
- Red (84%)
- Green (95%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)




- Cyan (16%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.7384, 0.2938, 0.3258 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 83.7384, 0.2938, 0.3258 by changing the saturation by 10% instead.

 83.7384, 0.2938,
0.3258

 83.7384, 0.2938,
0.3258


507.4441, 0.3023,
0.3273

 62.7995, 0.2919,
0.3254


138.6092, 0.2967,
0.3263

 45.6790, 0.2896,
0.3250

173.3098, 0.2978,
0.3265

 31.9926, 0.2868,
0.3244


213.3665, 0.2988,
0.3267

 21.3558, 0.2831,
0.3237

259.1636, 0.2997,
0.3269

 13.3844, 0.2782,
0.3227

311.0855, 0.3005,
0.3270

 7.6937, 0.2714,
0.3212

369.5166, 0.3011,

 3.8996, 0.2612,

0.3271

0.3189

434.8414, 0.3017,
0.3272

■ 1.6176, 0.2446,
0.3146

■ 0.3694, 0.1226,
0.2995

■ 83.7384, 0.2938,
0.3258

■ 83.7384, 0.2938,
0.3258

■ 78.9097, 0.2791,
0.3229

■ 89.1432, 0.3091,
0.3284

■ 74.6223, 0.2654,
0.3199


■ 93.6288, 0.3197,
0.3308


■ 70.8533, 0.2530,
0.3167


■ 95.1188, 0.3196,
0.3332


■ 67.5741, 0.2422,
0.3133


■ 96.6282, 0.3194,
0.3355


 64.7536, 0.2331,
0.3098


 98.1571, 0.3192,
0.3378

 62.3563, 0.2259,
0.3063

 99.3118, 0.3191,
0.3395

 60.3419, 0.2207,
0.3029

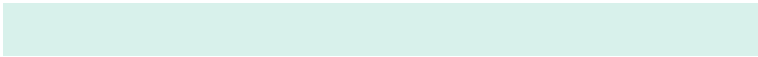
 58.6614, 0.2174,
0.2994

 57.5375, 0.2158,
0.2968

Harmonies

Analogous

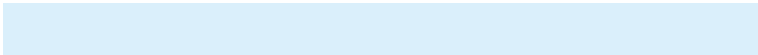
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7384, 0.3004, 0.3356



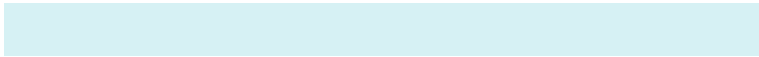
83.7384, 0.2938, 0.3258



83.7384, 0.2921, 0.3171

Triad

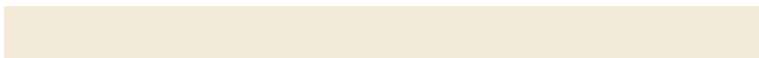
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.7384, 0.2938, 0.3258



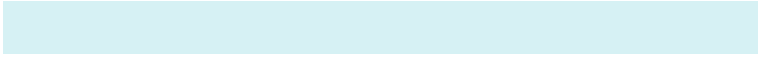
83.7384, 0.3148, 0.3150



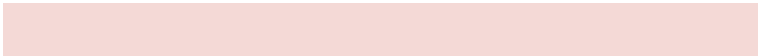
83.7384, 0.3297, 0.3463

Complementary

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



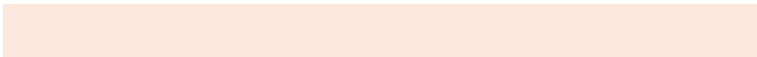
83.7384, 0.2938, 0.3258



73.7063, 0.3347, 0.3322

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.



83.7384, 0.3337, 0.3405



83.7384, 0.2938, 0.3258



83.7384, 0.3250, 0.3225

Square

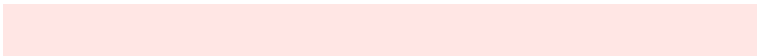
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.7384, 0.2938, 0.3258



83.7384, 0.3041, 0.3111



83.7384, 0.3320, 0.3317



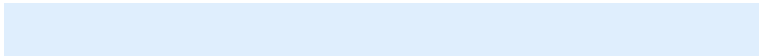
83.7384, 0.3211, 0.3476

Rectangle

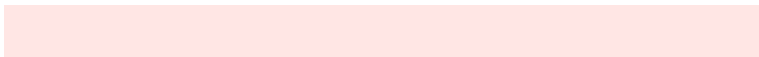
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



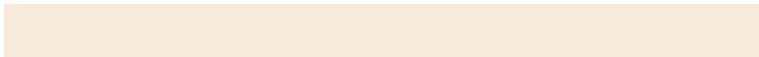
83.7384, 0.2938, 0.3258



83.7384, 0.2941, 0.3131



83.7384, 0.3320, 0.3317



83.7384, 0.3316, 0.3448

Sweetspot

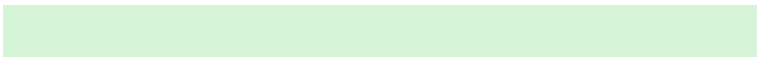
The Sweet Spot groups the original color and five complimentary colors.



83.7419, 0.2938, 0.3258



97.4689, 0.3065, 0.3280



83.9811, 0.3097, 0.3586



20.7630, 0.3053, 0.3278



0.0000, 0.0000, 0.0000



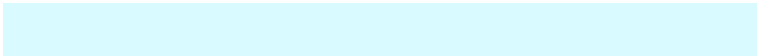
21.4041, 0.3127, 0.3290

Same Dimension

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



83.7419, 0.2938, 0.3258



91.0424, 0.2897, 0.3250



75.4893, 0.2935, 0.3103



18.4586, 0.2981, 0.3266



31.4003, 0.2159, 0.2973



2.8399, 0.2171, 0.3016

Inverse Universe

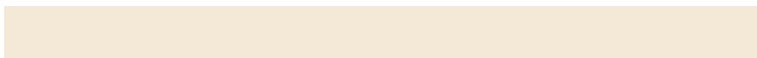
The Inverse Universe completely reimagines the original color for something new.



73.6734, 0.3162, 0.3016



77.7335, 0.3170, 0.2954



81.5190, 0.3327, 0.3470



16.7381, 0.3153, 0.3080



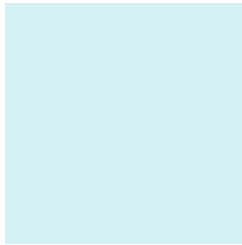
13.2693, 0.3478, 0.1689



1.1743, 0.3440, 0.1669

Previews

White Background



This preview shows how the Yxy color 83.7384, 0.2938, 0.3258 looks on a white background.

Color Contrast Check

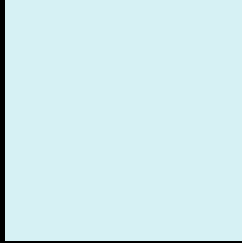
Large Text (above 18pt) WCAG AA × Fail

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 83.7384, 0.2938, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

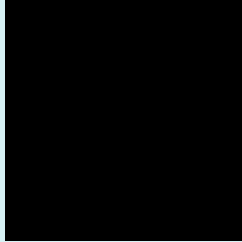
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

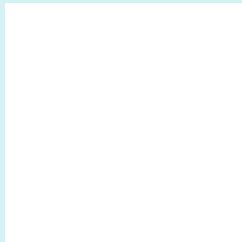
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.7384, 0.2938, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 83.7384, 0.2938, 0.3258.

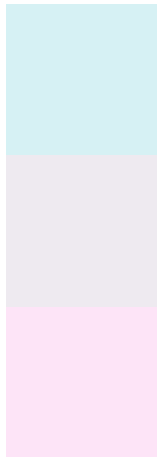


This preview shows how white text looks on a background with the Yxy color 83.7384, 0.2938, 0.3258.

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

83.7384, 0.2938, 0.3258

Protanopia

83.3141, 0.3117, 0.3229

Deuteranopia

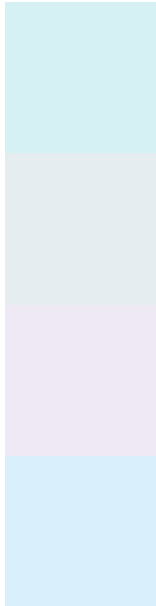
83.0849, 0.3177, 0.3104



Tritanopia

83.4291, 0.2906, 0.3114

Trichromacy



Original Color

83.7384, 0.2938, 0.3258

Protanomaly

83.5773, 0.3050, 0.3249

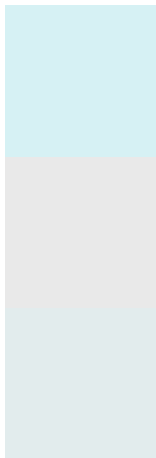
Deuteranomaly

83.2824, 0.3087, 0.3159

Tritanomaly

83.4498, 0.2916, 0.3165

Monochromacy



Original Color

83.7384, 0.2938, 0.3258

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.2741, 0.3055, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.7384, 0.2938, 0.3258 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(214, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(214, 241, 244)  
}
```

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(214, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 241, 244) }
```

Border

The CSS property to change the border of an element to Yxy 83.7384, 0.2938, 0.3258 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(214, 241, 244) }
```

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

```
.border{ border-color:rgb(214, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(214, 241,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 83.7384, 0.2938, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 241, 244) }
```

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

```
.background{ background-color: rgb(214,  
241, 244) }
```

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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