

Converting Colors

Yxy(85.2358, 0.2921, 0.3264)

Have a look what the booklet for
Yxy(85.2358, 0.2921, 0.3264)
contains.

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Color

Yxy(85.5013, 0.2922, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	D5F4F6
RGB	213, 244, 246
RGB Percent	84%, 96%, 96%
CMY	0.1646, 0.0431, 0.0355
CMYK	0.13, 0.01, 0.00, 0.04
HSL	184°, 65%, 90%
HSV	184°, 13%, 96%
XYZ	76.4255, 85.5013, 99.6251
YIQ	234.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

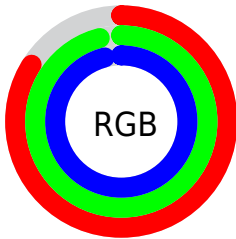
Format	Color
R _{YB}	213, 229, 246
Decimal	14021878
CIE _{Lab}	94.10, -9.62, -4.34
CIE _{LCh}	94, 10.550, 204.277
Y _{xy}	85.5013, 0.2922, 0.3269
Android (android.graphics.Color)	4292211958 (0xFFD5F4F6)
Y _{UV}	234.9590, 5.4432, -19.2580
Hunter-Lab	92.4669, -14.2839, 0.8470

Details

The Yxy color **85.5013, 0.2922, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.9795, 0.3371, 0.3311**, and the grayscale version is **83.0173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9532, 0.2875, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **81.2279, 0.2778, 0.3252**, and if you desaturate by 10%, it is **90.3465, 0.3074, 0.3285**.

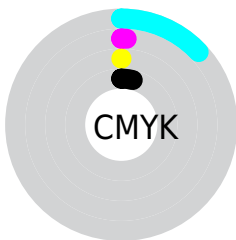
Distribution



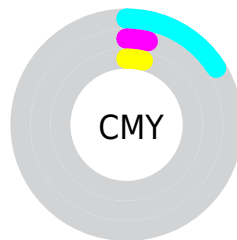
- Red (84%)
- Green (96%)
- Blue (96%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.5013, 0.2922, 0.3269 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 85.5013, 0.2922, 0.3269 by changing the saturation by 10% instead.


 85.5013, 0.2922,
0.3269

 85.5013, 0.2922,
0.3269


513.2854, 0.3014,
0.3279

 64.2557, 0.2902,
0.3267

141.0734, 0.2953,
0.3273

 46.8578, 0.2877,
0.3263

176.1686, 0.2966,
0.3274

 32.9232, 0.2846,
0.3260

216.6491, 0.2976,
0.3275

 22.0677, 0.2807,
0.3254

262.8994, 0.2986,
0.3276

 13.9066, 0.2755,
0.3247

315.3037, 0.2994,
0.3277

 8.0557, 0.2683,
0.3236

374.2466, 0.3001,

 4.1306, 0.2576,

0.3278

440.1123, 0.3008,
0.3279

0.3218

1.7469, 0.2403,
0.3185

0.4538, 0.1358,
0.3135

85.5013, 0.2922,
0.3269

85.5013, 0.2922,
0.3269

81.2279, 0.2778,
0.3252

90.3465, 0.3074,
0.3285

77.4906, 0.2645,
0.3234

94.3813, 0.3185,
0.3299

74.2660, 0.2526,
0.3214

95.2751, 0.3184,
0.3313

71.5248, 0.2424,
0.3195

96.1759, 0.3183,
0.3327

69.2346, 0.2341,
0.3174

97.0837, 0.3182,
0.3341

67.3592, 0.2277,
0.3154

97.9985, 0.3181,
0.3355

65.8566, 0.2232,
0.3134

98.9203, 0.3180,
0.3369

64.6755, 0.2205,
0.3114

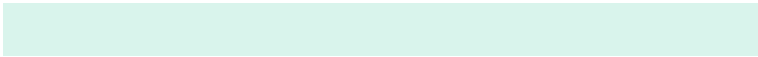
99.4309, 0.3180,
0.3377

64.0212, 0.2195,
0.3101

Harmonies

Analogous

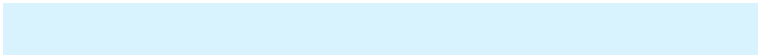
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5013, 0.3003, 0.3379



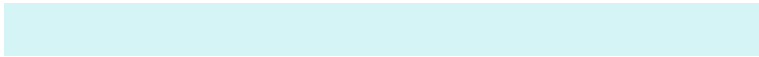
85.5013, 0.2922, 0.3269



85.5013, 0.2895, 0.3168

Triad

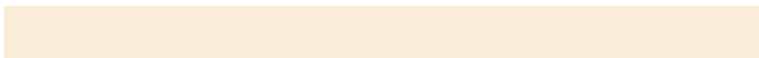
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5013, 0.2922, 0.3269



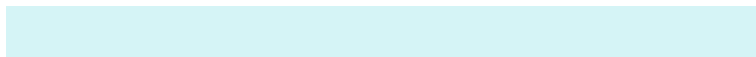
85.5013, 0.3133, 0.3124



85.5013, 0.3328, 0.3478

Complementary

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



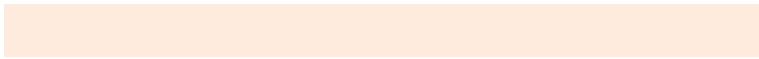
85.5013, 0.2922, 0.3269



72.9795, 0.3371, 0.3311

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.



85.5013, 0.3365, 0.3406



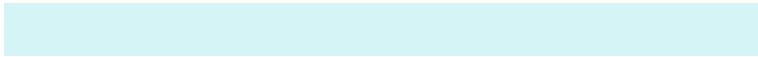
85.5013, 0.2922, 0.3269



85.5013, 0.3251, 0.3203

Square

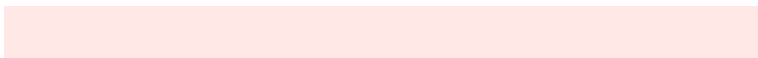
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5013, 0.2922, 0.3269



85.5013, 0.3015, 0.3087



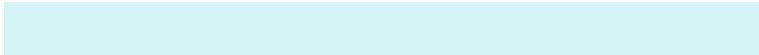
85.5013, 0.3337, 0.3305



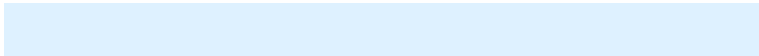
85.5013, 0.3237, 0.3501

Rectangle

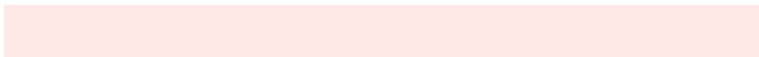
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.5013, 0.2922, 0.3269



85.5013, 0.2911, 0.3119



85.5013, 0.3337, 0.3305



85.5013, 0.3347, 0.3459

Sweetspot

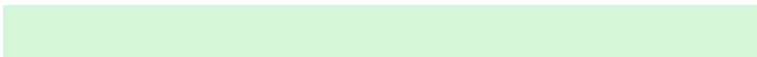
The Sweet Spot groups the original color and five complimentary colors.



85.5049, 0.2922, 0.3269



97.7318, 0.3065, 0.3284



84.9230, 0.3101, 0.3627



20.8298, 0.3053, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

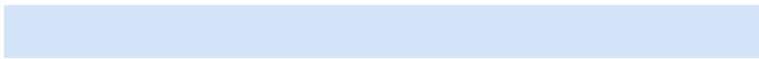
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5049, 0.2922, 0.3269



91.5345, 0.2883, 0.3265



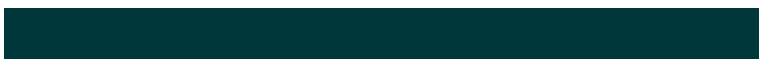
76.2026, 0.2917, 0.3097



18.5798, 0.2981, 0.3275



34.2612, 0.2196, 0.3104



3.0614, 0.2203, 0.3129

Inverse Universe

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



73.7190, 0.3156, 0.2978



76.5198, 0.3162, 0.2915



81.6184, 0.3348, 0.3476



16.7504, 0.3147, 0.3070



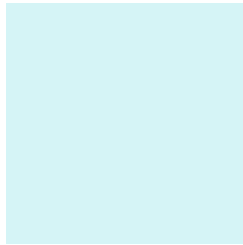
13.5581, 0.3363, 0.1627



1.1967, 0.3342, 0.1615

Previews

White Background



This preview shows how the Yxy color 85.5013, 0.2922, 0.3269 looks on a white background.

Color Contrast Check

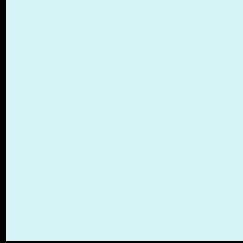
Large Text (above 18pt) WCAG AA × Fail

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 85.5013, 0.2922, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

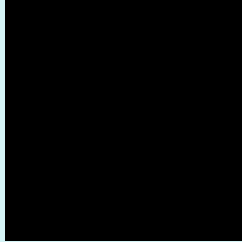
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

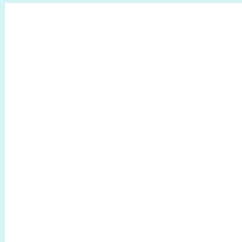
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.5013, 0.2922, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 85.5013, 0.2922, 0.3269.

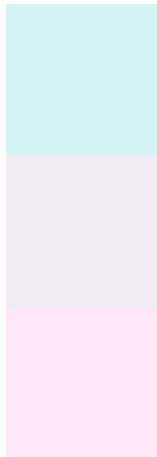


This preview shows how white text looks on a background with the Yxy color 85.5013, 0.2922, 0.3269.

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

85.5013, 0.2922, 0.3269

Protanopia

85.0426, 0.3130, 0.3240

Deuteranopia

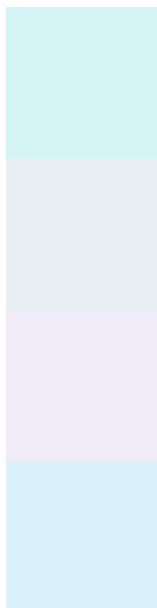
85.1891, 0.3182, 0.3125



Tritanopia

85.6602, 0.2925, 0.3147

Trichromacy



Original Color

85.5013, 0.2922, 0.3269

Protanomaly

85.1930, 0.3051, 0.3249

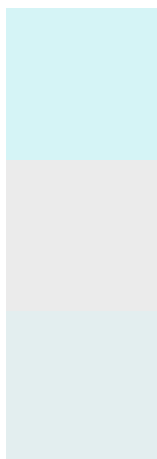
Deuteranomaly

85.2316, 0.3086, 0.3180

Tritanomaly

85.5926, 0.2924, 0.3187

Monochromacy



Original Color

85.5013, 0.2922, 0.3269

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.7120, 0.3049, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5013, 0.2922, 0.3269 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(213, 244, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 244, 246)  
}
```

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(213, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 244, 246) }
```

Border

The CSS property to change the border of an element to Yxy 85.5013, 0.2922, 0.3269 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(213, 244, 246) }
```

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

```
.border{ border-color:rgb(213, 244, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 244, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 244, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 244, 246); box-shadow:4px 4px 4px 4px rgb(213, 244, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5013, 0.2922, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 244, 246) }
```

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

```
.background{ background-color: rgb(213,  
244, 246) }
```

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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