

Converting Colors

$Yxy(85.6593, 0.2923, 0.3227)$

Have a look what the booklet for
Yxy(85.6593, 0.2923, 0.3227)
contains.

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Color

Yxy(85.5397, 0.2923, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	D8F3F9
RGB	216, 243, 249
RGB Percent	85%, 95%, 98%
CMY	0.1527, 0.0471, 0.0235
CMYK	0.13, 0.02, 0.00, 0.02
HSL	191°, 73%, 91%
HSV	191°, 13%, 98%
XYZ	77.4814, 85.5397, 102.0539
YIQ	235.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

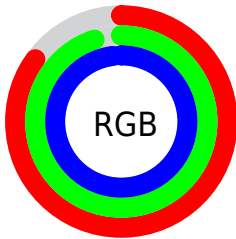
Format	Color
R _Y B	216, 231, 249
Decimal	14218233
CIE Lab	94.12, -7.56, -5.87
CIE LCh	94, 9.571, 217.862
Yxy	85.5397, 0.2923, 0.3227
Android (android.graphics.Color)	4292408313 (0xFFD8F3F9)
YUV	235.6110, 6.6008, -17.1988
Hunter-Lab	92.4877, -12.3153, -0.6811

Details

The Yxy color **85.5397, 0.2923, 0.3227** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3844, 0.3362, 0.3352**, and the grayscale version is **83.5362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9680, 0.2876, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **79.3444, 0.2774, 0.3174**, and if you desaturate by 10%, it is **92.3843, 0.3077, 0.3275**.

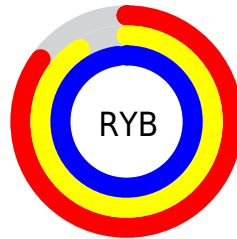
Distribution



Red (85%)

Green (95%)

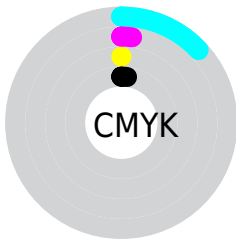
Blue (98%)



Red (85%)

Yellow (91%)

Blue (98%)

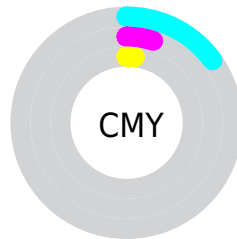


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (15%)

Magenta (5%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.5397, 0.2923, 0.3227 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 85.5397, 0.2923, 0.3227 by changing the saturation by 10% instead.

85.5397, 0.2923,
0.3227

85.5397, 0.2923,
0.3227

513.4122, 0.3014,
0.3256

64.2874, 0.2903,
0.3220

141.1270, 0.2954,
0.3237

46.8835, 0.2878,
0.3212

176.2307, 0.2966,
0.3241

32.9436, 0.2848,
0.3202

216.7205, 0.2977,
0.3244

22.0832, 0.2809,
0.3188

262.9806, 0.2986,
0.3247

13.9181, 0.2757,
0.3170

315.3954, 0.2994,
0.3250

8.0637, 0.2686,
0.3144

374.3493, 0.3002,

4.1357, 0.2580,

0.3252

0.3104

440.2268, 0.3008,
0.3254

■ 1.7498, 0.2409,
0.3034

■ 0.4556, 0.1543,
0.2828

■ 85.5397, 0.2923,
0.3227

■ 85.5397, 0.2923,
0.3227

■ 79.3444, 0.2774,
0.3174

■ 92.3843, 0.3077,
0.3275

■ 73.7615, 0.2632,
0.3117

■ 97.7738, 0.3163,
0.3320

■ 68.7662, 0.2501,
0.3057

■ 99.6200, 0.3162,
0.3347

■ 64.3280, 0.2384,
0.2993

■ 60.4130, 0.2284,
0.2928

■ 56.9836, 0.2203,
0.2861

■ 53.9958, 0.2141,
0.2794

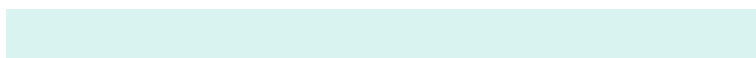
■ 51.3969, 0.2099,
0.2728

■ 49.8059, 0.2079,
0.2684

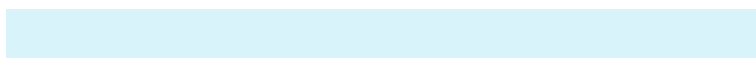
Harmonies

Analogous

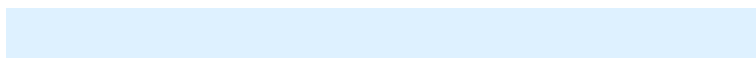
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5397, 0.2976, 0.3327



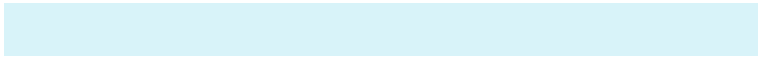
85.5397, 0.2923, 0.3227



85.5397, 0.2924, 0.3147

Triad

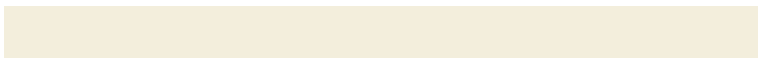
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5397, 0.2923, 0.3227



85.5397, 0.3183, 0.3168



85.5397, 0.3277, 0.3477

Complementary

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



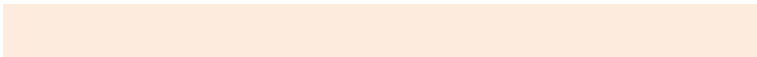
85.5397, 0.2923, 0.3227



77.3844, 0.3362, 0.3352

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.



85.5397, 0.3335, 0.3430



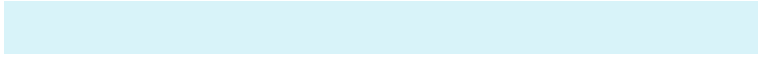
85.5397, 0.2923, 0.3227



85.5397, 0.3280, 0.3252

Square

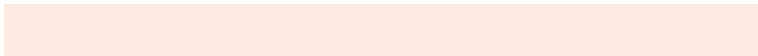
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5397, 0.2923, 0.3227



85.5397, 0.3072, 0.3115



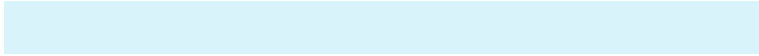
85.5397, 0.3336, 0.3347



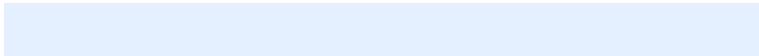
85.5397, 0.3180, 0.3473

Rectangle

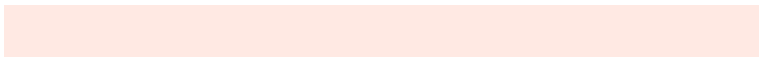
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



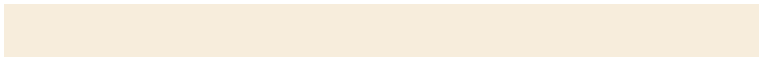
85.5397, 0.2923, 0.3227



85.5397, 0.2954, 0.3115



85.5397, 0.3336, 0.3347



85.5397, 0.3302, 0.3466

Sweetspot

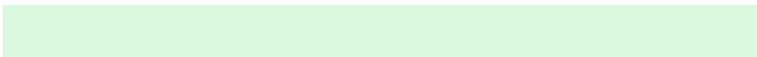
The Sweet Spot groups the original color and five complimentary colors.



85.5433, 0.2923, 0.3227



96.9339, 0.3065, 0.3272



87.6133, 0.3079, 0.3581



20.6271, 0.3053, 0.3268



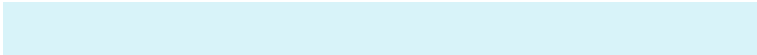
0.0000, 0.0000, 0.0000



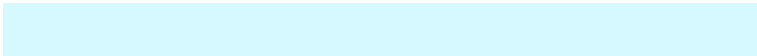
21.4041, 0.3127, 0.3290

Same Dimension

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



85.5433, 0.2923, 0.3227



88.4045, 0.2881, 0.3213



76.4087, 0.2918, 0.3058



19.0378, 0.2980, 0.3246



26.8524, 0.2082, 0.2694



2.6224, 0.2104, 0.2773

Inverse Universe

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



75.7533, 0.3183, 0.3021



76.2038, 0.3196, 0.2962



86.2650, 0.3340, 0.3512



17.4670, 0.3166, 0.3098



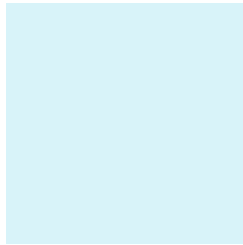
13.1217, 0.3734, 0.1830



1.2290, 0.3660, 0.1790

Previews

White Background



This preview shows how the Yxy color 85.5397, 0.2923, 0.3227 looks on a white background.

Color Contrast Check

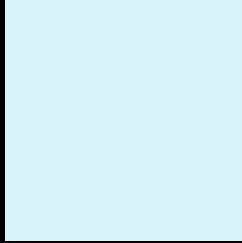
Large Text (above 18pt) WCAG AA × Fail

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 85.5397, 0.2923, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

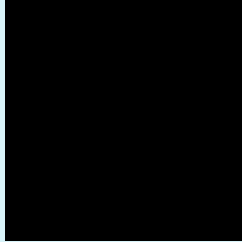
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

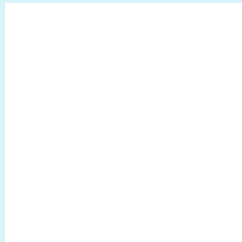
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.5397, 0.2923, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 85.5397, 0.2923, 0.3227.

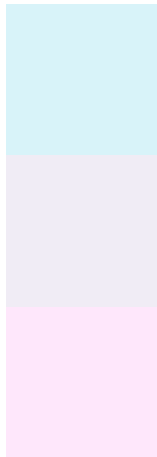


This preview shows how white text looks on a background with the Yxy color 85.5397, 0.2923, 0.3227.

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

85.5397, 0.2923, 0.3227

Protanopia

85.1087, 0.3098, 0.3200

Deuteranopia

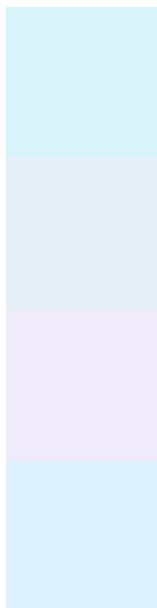
85.1877, 0.3157, 0.3096



Tritanopia

85.2282, 0.2931, 0.3136

Trichromacy



Original Color

85.5397, 0.2923, 0.3227

Protanomaly

85.3757, 0.3033, 0.3219

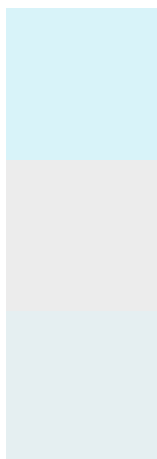
Deuteranomaly

84.8441, 0.3068, 0.3140

Tritanomaly

85.2181, 0.2924, 0.3166

Monochromacy



Original Color

85.5397, 0.2923, 0.3227

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.7419, 0.3050, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5397, 0.2923, 0.3227 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(216, 243, 249)` looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 249)  
}
```

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(216, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 249) }
```

Border

The CSS property to change the border of an element to Yxy 85.5397, 0.2923, 0.3227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

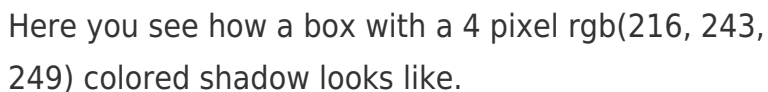
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 243, 249) }
```

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

```
.border{ border-color:rgb(216, 243, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 243, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 243, 249); box-shadow:4px 4px 4px 4px rgb(216, 243, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5397, 0.2923, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 249) }
```

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

```
.background{ background-color: rgb(216,  
243, 249) }
```

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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