

Converting Colors

$Yxy(85.9845, 0.2972, 0.3272)$

Have a look what the booklet for
Yxy(85.9845, 0.2972, 0.3272)
contains.

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Color

Yxy(85.9094, 0.2970, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	DCF3F5
RGB	220, 243, 245
RGB Percent	86%, 95%, 96%
CMY	0.1371, 0.0471, 0.0393
CMYK	0.10, 0.01, 0.00, 0.04
HSL	185°, 55%, 91%
HSV	185°, 10%, 96%
XYZ	78.0517, 85.9094, 98.8392
YIQ	236.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

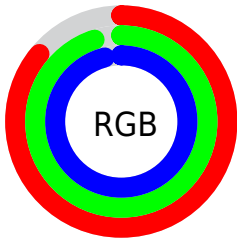
Format	Color
R _{YB}	220, 232, 245
Decimal	14480373
CIE _{Lab}	94.27, -7.10, -3.52
CIE _{LCh}	94, 7.923, 206.411
Y _{xy}	85.9094, 0.2970, 0.3269
Android (android.graphics.Color)	4292670453 (0xFFDC3F5)
YUV	236.3510, 4.2640, -14.3398
Hunter-Lab	92.6873, -11.8886, 1.6559

Details

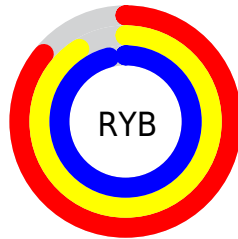
The Yxy color **85.9094, 0.2970, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.8291, 0.3305, 0.3311**, and the grayscale version is **84.1438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2141, 0.2935, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **81.2064, 0.2822, 0.3247**, and if you desaturate by 10%, it is **91.1921, 0.3124, 0.3290**.

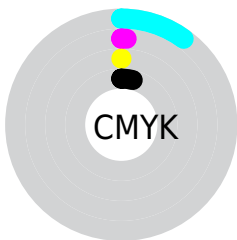
Distribution



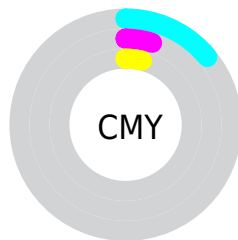
- Red (86%)
- Green (95%)
- Blue (96%)



- Red (86%)
- Yellow (91%)
- Blue (96%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)





- Cyan (14%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.9094, 0.2970, 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 85.9094, 0.2970, 0.3269 by changing the saturation by 10% instead.


 85.9094, 0.2970,
0.3269

 85.9094, 0.2970,
0.3269

514.6324, 0.3040,
0.3279

 64.5931, 0.2954,
0.3267


141.6431, 0.2994,
0.3272

 47.1312, 0.2936,
0.3264

176.8291, 0.3003,
0.3274

 33.1394, 0.2912,
0.3260


217.4073, 0.3012,
0.3275

 22.2332, 0.2882,
0.3255

263.7619, 0.3019,
0.3276

 14.0284, 0.2842,
0.3249

316.2773, 0.3025,
0.3277

 8.1404, 0.2786,
0.3239

375.3379, 0.3031,

 4.1849, 0.2704,

0.3278

0.3224

441.3282, 0.3036,
0.3278

■ 1.7775, 0.2569,
0.3197

■ 0.4731, 0.1830,
0.3131

■ 85.9094, 0.2970,
0.3269

■ 85.9094, 0.2970,
0.3269

■ 81.2064, 0.2822,
0.3247

■ 91.1921, 0.3124,
0.3290

■ 77.0481, 0.2684,
0.3223

■ 94.3080, 0.3191,
0.3309

■ 73.4118, 0.2559,
0.3197

■ 95.5044, 0.3189,
0.3327

■ 70.2695, 0.2449,
0.3171

■ 96.7133, 0.3188,
0.3346

■ 67.5900, 0.2357,
0.3143

■ 97.9348, 0.3187,
0.3365

■ 65.3389, 0.2284,
0.3116

■ 99.1688, 0.3185,
0.3383

■ 63.4766, 0.2231,
0.3088

■ 99.3715, 0.3185,
0.3386

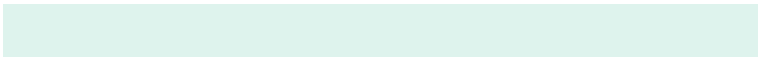
■ 61.9559, 0.2196,
0.3061

■ 60.7188, 0.2176,
0.3035

Harmonies

Analogous

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



85.9094, 0.3029, 0.3351



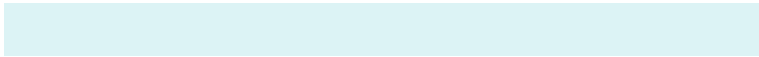
85.9094, 0.2970, 0.3269



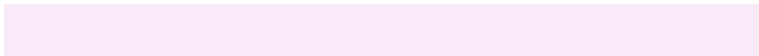
85.9094, 0.2953, 0.3194

Triad

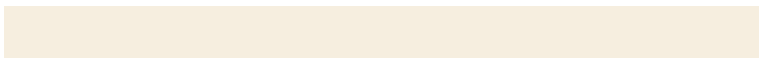
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9094, 0.2970, 0.3269



85.9094, 0.3138, 0.3168



85.9094, 0.3274, 0.3434

Complementary

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



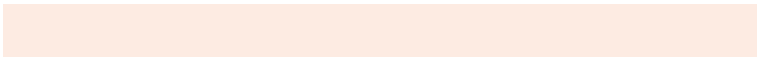
85.9094, 0.2970, 0.3269



76.8291, 0.3305, 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.



85.9094, 0.3305, 0.3383



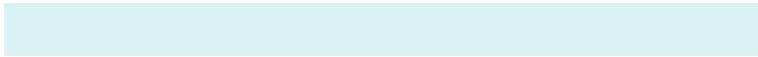
85.9094, 0.2970, 0.3269



85.9094, 0.3226, 0.3230

Square

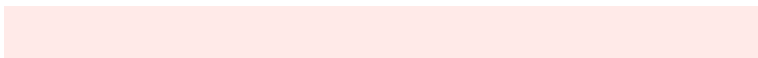
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9094, 0.2970, 0.3269



85.9094, 0.3049, 0.3138



85.9094, 0.3287, 0.3308



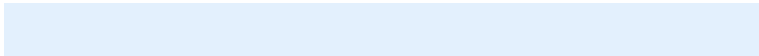
85.9094, 0.3204, 0.3447

Rectangle

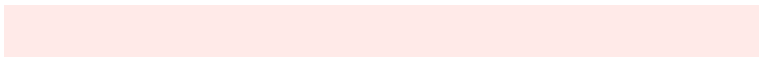
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9094, 0.2970, 0.3269



85.9094, 0.2967, 0.3159



85.9094, 0.3287, 0.3308



85.9094, 0.3289, 0.3421

Sweetspot

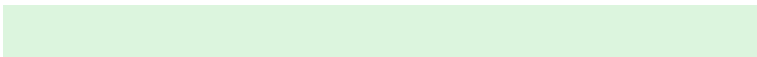
The Sweet Spot groups the original color and five complimentary colors.



85.9130, 0.2970, 0.3269



98.1905, 0.3080, 0.3284



85.7725, 0.3105, 0.3536



20.9154, 0.3068, 0.3282



0.0000, 0.0000, 0.0000



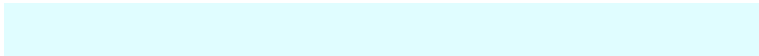
21.4041, 0.3127, 0.3290

Same Dimension

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



85.9130, 0.2970, 0.3269



93.1093, 0.2942, 0.3265



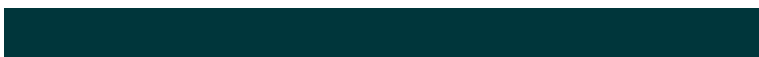
78.8768, 0.2969, 0.3141



18.5192, 0.2981, 0.3271



32.8116, 0.2178, 0.3039



2.9494, 0.2187, 0.3073

Inverse Universe

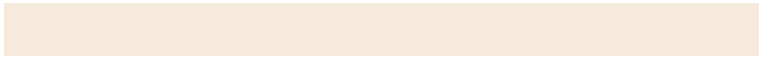
The Inverse Universe completely reimagines the original color for something new.



77.0837, 0.3152, 0.3059



81.8509, 0.3157, 0.3016



83.5212, 0.3291, 0.3434



16.7442, 0.3150, 0.3075



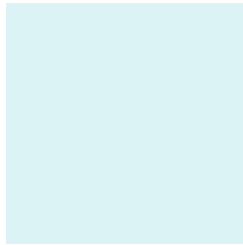
13.4117, 0.3420, 0.1657



1.1854, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 85.9094, 0.2970, 0.3269 looks on a white background.

Color Contrast Check

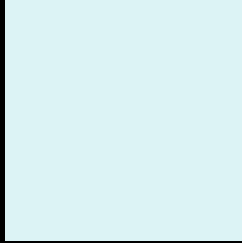
Large Text (above 18pt) WCAG AA × Fail

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 85.9094, 0.2970, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

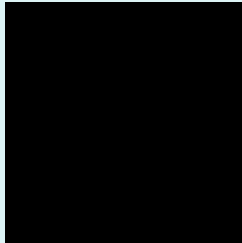
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

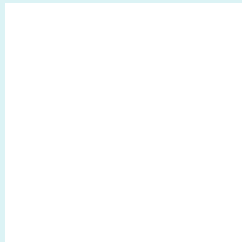
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9094, 0.2970, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 85.9094, 0.2970, 0.3269.

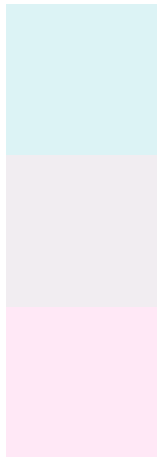


This preview shows how white text looks on a background with the Yxy color 85.9094, 0.2970, 0.3269.

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

85.9094, 0.2970, 0.3269

Protanopia

85.6200, 0.3129, 0.3250

Deuteranopia

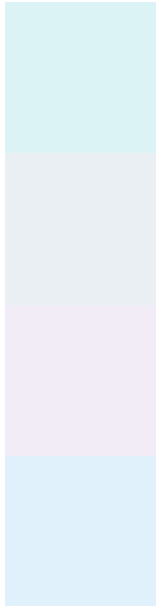
85.6270, 0.3194, 0.3154



Tritanopia

85.7089, 0.2949, 0.3137

Trichromacy



Original Color

85.9094, 0.2970, 0.3269

Protanomaly

85.4674, 0.3070, 0.3259

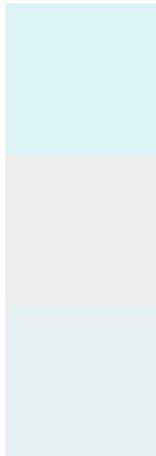
Deuteranomaly

85.5220, 0.3105, 0.3190

Tritanomaly

85.7229, 0.2960, 0.3187

Monochromacy



Original Color

85.9094, 0.2970, 0.3269

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.7880, 0.3068, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9094, 0.2970, 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(220, 243, 245)` looks like.

```
.text, #text, p{  
    color:rgb(220, 243, 245)  
}
```

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(220, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 243, 245) }
```

Border

The CSS property to change the border of an element to Yxy 85.9094, 0.2970, 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(220, 243, 245) }
```

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

```
.border{ border-color:rgb(220, 243, 245) }
```

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

Here you see how a box with a 4 pixel rgb(220, 243, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(220, 243,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9094, 0.2970, 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(220, 243, 245) }
```

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

```
.background{ background-color: rgb(220,  
243, 245) }
```

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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