

Converting Colors

$Yxy(89.4052, 0.2925, 0.3279)$

Have a look what the booklet for
Yxy(89.4052, 0.2925, 0.3279)
contains.

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Color

Yxy(89.4052, 0.2925, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D9F9FA
RGB	217, 249, 250
RGB Percent	85%, 98%, 98%
CMY	0.1489, 0.0235, 0.0196
CMYK	0.13, 0.00, 0.00, 0.02
HSL	182°, 77%, 92%
HSV	182°, 13%, 98%
XYZ	79.7530, 89.4052, 103.5017
YIQ	239.5460, -19.3930, -6.4730

Conversions

Conversions Part 2

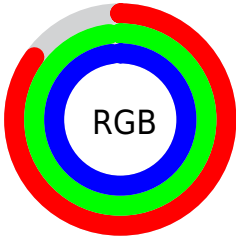
Format	Color
R _Y B	217, 233, 250
Decimal	14285306
CIE Lab	95.75, -10.08, -3.98
CIE LCh	96, 10.836, 201.536
Yxy	89.4052, 0.2925, 0.3279
Android (android.graphics.Color)	4292475386 (0xFFD9F9FA)
YUV	239.5460, 5.1538, -19.7728
Hunter-Lab	94.5543, -14.9120, 1.2876

Details

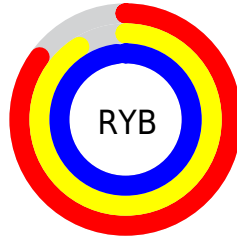
The Yxy color **89.4052, 0.2925, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.5003, 0.3368, 0.3301**, and the grayscale version is **86.7408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7164, 0.2880, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **85.3902, 0.2782, 0.3270**, and if you desaturate by 10%, it is **94.0099, 0.3077, 0.3287**.

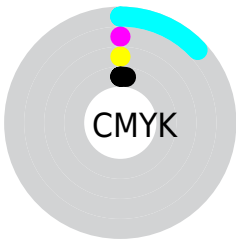
Distribution



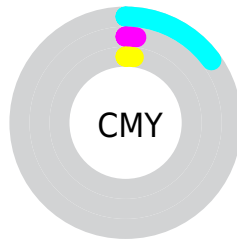
- Red (85%)
- Green (98%)
- Blue (98%)



- Red (85%)
- Yellow (91%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





- Cyan (15%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.4052, 0.2925, 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 89.4052, 0.2925, 0.3279 by changing the saturation by 10% instead.


 89.4052, 0.2925,
0.3279

 89.4052, 0.2925,
0.3279


526.0941, 0.3015,
0.3285

 67.4874, 0.2905,
0.3278

146.5119, 0.2955,
0.3281

 49.4808, 0.2881,
0.3276


182.4696, 0.2967,
0.3282

 35.0011, 0.2852,
0.3273


223.8761, 0.2978,
0.3283

 23.6637, 0.2814,
0.3270

271.1158, 0.2987,
0.3283

 15.0843, 0.2765,
0.3266

324.5731, 0.2995,
0.3284

 8.8786, 0.2696,
0.3259

384.6322, 0.3002,

 4.6621, 0.2597,

0.3284

451.6778, 0.3009,
0.3284

0.3248

■ 2.0504, 0.2438,
0.3226

■ 0.6365, 0.1825,
0.3237

■ 89.4052, 0.2925,
0.3279

■ 89.4052, 0.2925,
0.3279

■ 85.3902, 0.2782,
0.3270

■ 94.0099, 0.3077,
0.3287

■ 81.9277, 0.2650,
0.3260

■ 96.8640, 0.3158,
0.3295

■ 78.9935, 0.2534,
0.3250

■ 97.3425, 0.3158,
0.3302

■ 76.5572, 0.2435,
0.3240

■ 97.8230, 0.3158,
0.3310

74.5851, 0.2355,
0.3230

98.3054, 0.3157,
0.3317

73.0395, 0.2294,
0.3219

98.7897, 0.3157,
0.3324

71.8769, 0.2252,
0.3209

99.2760, 0.3156,
0.3332

71.0443, 0.2229,
0.3199

99.6827, 0.3156,
0.3338

70.6134, 0.2220,
0.3192

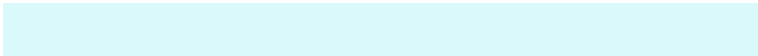
Harmonies

Analogous

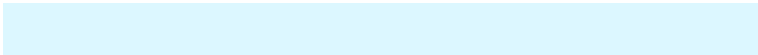
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4052, 0.3011, 0.3389



89.4052, 0.2925, 0.3279



89.4052, 0.2892, 0.3174

Triad

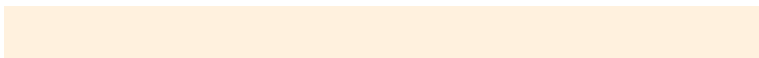
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4052, 0.2925, 0.3279



89.4052, 0.3121, 0.3116



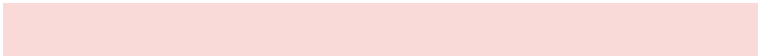
89.4052, 0.3337, 0.3476

Complementary

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



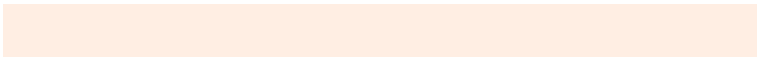
89.4052, 0.2925, 0.3279



75.5003, 0.3368, 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.



89.4052, 0.3368, 0.3399



89.4052, 0.2925, 0.3279



89.4052, 0.3242, 0.3193

Square

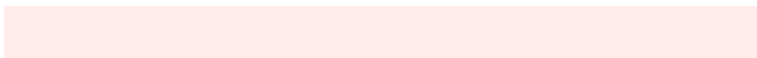
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.4052, 0.2925, 0.3279



89.4052, 0.3004, 0.3084



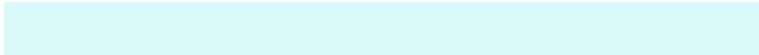
89.4052, 0.3333, 0.3296



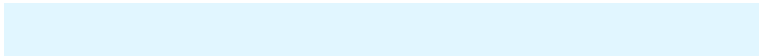
89.4052, 0.3249, 0.3504

Rectangle

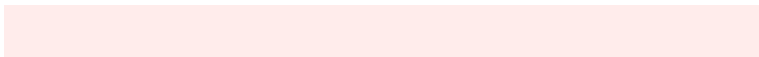
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



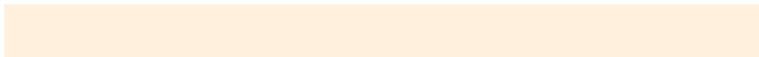
89.4052, 0.2925, 0.3279



89.4052, 0.2905, 0.3122



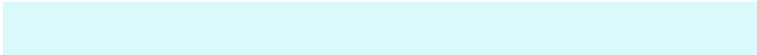
89.4052, 0.3333, 0.3296



89.4052, 0.3354, 0.3455

Sweetspot

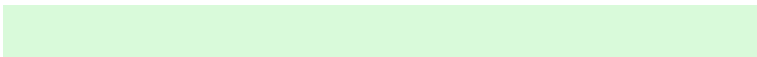
The Sweet Spot groups the original color and five complimentary colors.



89.4089, 0.2925, 0.3279



97.9172, 0.3065, 0.3287



88.1727, 0.3108, 0.3633



20.8769, 0.3053, 0.3286



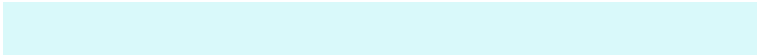
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

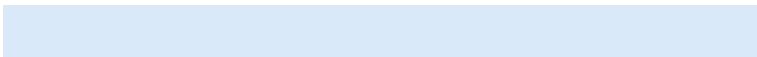
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4089, 0.2925, 0.3279



92.2710, 0.2883, 0.3277



79.9192, 0.2920, 0.3111



19.5119, 0.2980, 0.3282



37.4937, 0.2221, 0.3194



3.5005, 0.2224, 0.3206

Inverse Universe

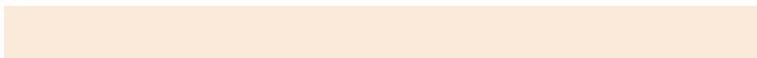
The Inverse Universe completely reimagines the original color for something new.



76.8057, 0.3149, 0.2973



76.5942, 0.3154, 0.2904



84.2215, 0.3346, 0.3462



17.5148, 0.3143, 0.3063



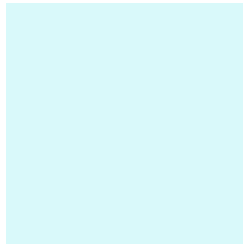
14.1959, 0.3287, 0.1585



1.3176, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 89.4052, 0.2925, 0.3279 looks on a white background.

Color Contrast Check

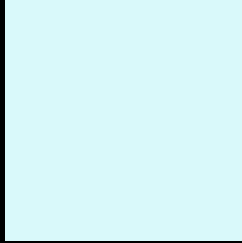
Large Text (above 18pt) WCAG AA × Fail

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 89.4052, 0.2925, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

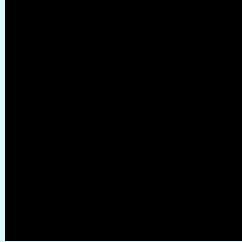
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.4052, 0.2925, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 89.4052, 0.2925, 0.3279.

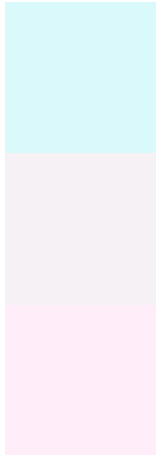


This preview shows how white text looks on a background with the Yxy color 89.4052, 0.2925, 0.3279.

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

89.4052, 0.2925, 0.3279

Protanopia

89.0960, 0.3136, 0.3251

Deuteranopia

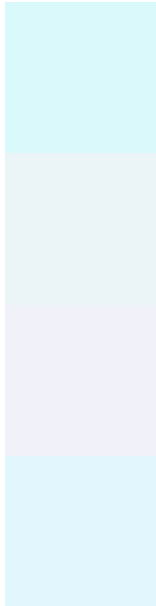
89.2486, 0.3172, 0.3184



Tritanopia

89.5137, 0.2981, 0.3190

Trichromacy



Original Color

89.4052, 0.2925, 0.3279

Protanomaly

89.0789, 0.3052, 0.3260

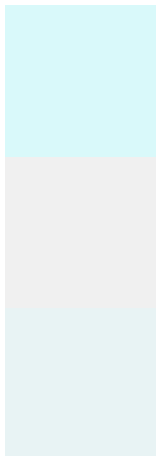
Deuteranomaly

89.0446, 0.3079, 0.3220

Tritanomaly

89.1721, 0.2962, 0.3219

Monochromacy



Original Color

89.4052, 0.2925, 0.3279

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.7886, 0.3051, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.4052, 0.2925, 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(217, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(217, 249, 250)  
}
```

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(217, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 249, 250) }
```

Border

The CSS property to change the border of an element to Yxy 89.4052, 0.2925, 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(217, 249, 250) }
```

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

```
.border{ border-color:rgb(217, 249, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 249, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(217, 249,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 89.4052, 0.2925, 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(217, 249, 250) }
```

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

```
.background{ background-color: rgb(217,  
249, 250) }
```

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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