

Converting Colors

Yxy(89.4673, 0.2921, 0.3239)

Have a look what the booklet for
Yxy(89.4673, 0.2921, 0.3239)
contains.

Yxy(89.2867, 0.2920, 0.3238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(89.2867, 0.2920, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	DBF8FD
RGB	219, 248, 253
RGB Percent	86%, 97%, 99%
CMY	0.1411, 0.0275, 0.0077
CMYK	0.13, 0.02, 0.00, 0.01
HSL	189°, 90%, 93%
HSV	189°, 13%, 99%
XYZ	80.5180, 89.2867, 105.9418
YIQ	239.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

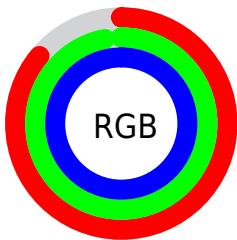
Format	Color
R _Y B	219, 235, 253
Decimal	14416125
CIE Lab	95.70, -8.36, -5.60
CIE LCh	96, 10.064, 213.786
Yxy	89.2867, 0.2920, 0.3238
Android (android.graphics.Color)	4292606205 (0xFFDBF8FD)
YUV	239.8990, 6.4588, -18.3284
Hunter-Lab	94.4916, -13.2574, -0.3304

Details

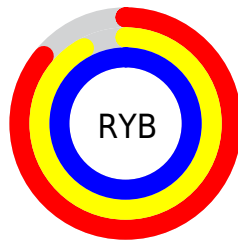
The Yxy color **89.2867, 0.2920, 0.3238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.3428, 0.3368, 0.3341**, and the grayscale version is **87.0199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.5773, 0.2881, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **83.3803, 0.2772, 0.3195**, and if you desaturate by 10%, it is **95.8431, 0.3074, 0.3277**.

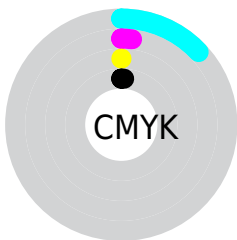
Distribution



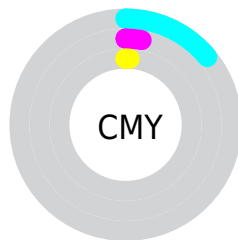
- Red (86%)
- Green (97%)
- Blue (99%)



- Red (86%)
- Yellow (92%)
- Blue (99%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)




- Cyan (14%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2867, 0.2920, 0.3238 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 89.2867, 0.2920, 0.3238 by changing the saturation by 10% instead.


 89.2867, 0.2920,
0.3238

 89.2867, 0.2920,
0.3238

525.7078, 0.3012,
0.3262

 67.3892, 0.2900,
0.3233


146.3472, 0.2951,
0.3246

 49.4010, 0.2875,
0.3226


182.2790, 0.2963,
0.3250

 34.9377, 0.2845,
0.3217


223.6576, 0.2974,
0.3252

 23.6149, 0.2807,
0.3206

270.8675, 0.2984,
0.3255

 15.0482, 0.2756,
0.3191

324.2931, 0.2992,
0.3257

 8.8532, 0.2686,
0.3170

384.3187, 0.2999,

 4.6456, 0.2585,

0.3259

0.3137

451.3288, 0.3006,
0.3261

■ 2.0408, 0.2423,
0.3082

■ 0.6310, 0.1875,
0.2991

■ 89.2867, 0.2920,
0.3238

■ 89.2867, 0.2920,
0.3238

■ 83.3803, 0.2772,
0.3195

■ 95.8431, 0.3074,
0.3277

■ 78.0856, 0.2633,
0.3149

99.8737, 0.3139,
0.3309

■ 73.3773, 0.2506,
0.3100

■ 69.2235, 0.2393,
0.3049

■ 65.5894, 0.2298,
0.2997

■ 62.4358, 0.2222,
0.2944

■ 59.7172, 0.2166,
0.2891

■ 57.3784, 0.2129,
0.2838

■ 55.9984, 0.2112,
0.2804

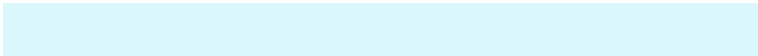
Harmonies

Analogous

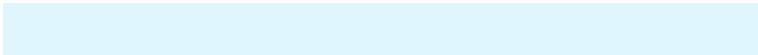
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2867, 0.2982, 0.3342



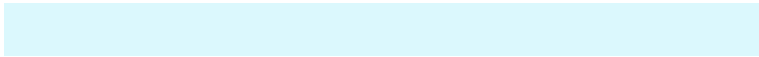
89.2867, 0.2920, 0.3238



89.2867, 0.2913, 0.3151

Triad

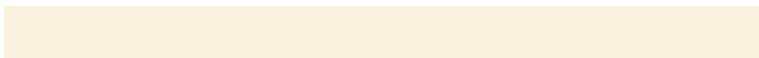
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2867, 0.2920, 0.3238



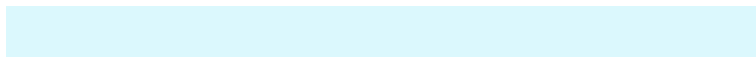
89.2867, 0.3169, 0.3154



89.2867, 0.3294, 0.3480

Complementary

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



89.2867, 0.2920, 0.3238



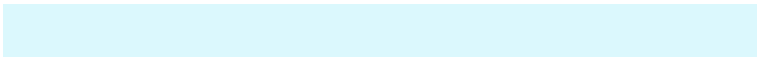
79.3428, 0.3368, 0.3341

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.



89.2867, 0.3346, 0.3425



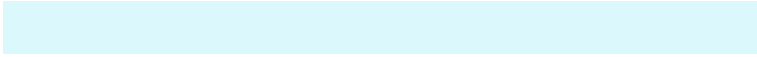
89.2867, 0.2920, 0.3238



89.2867, 0.3274, 0.3238

Square

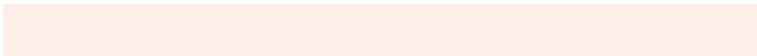
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.2867, 0.2920, 0.3238



89.2867, 0.3055, 0.3105



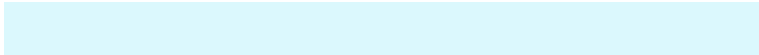
89.2867, 0.3339, 0.3336



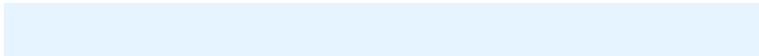
89.2867, 0.3197, 0.3483

Rectangle

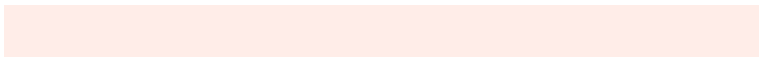
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.2867, 0.2920, 0.3238



89.2867, 0.2940, 0.3114



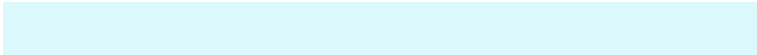
89.2867, 0.3339, 0.3336



89.2867, 0.3317, 0.3467

Sweetspot

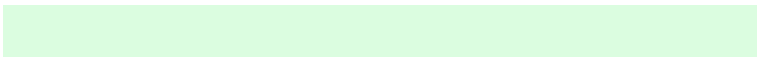
The Sweet Spot groups the original color and five complimentary colors.



89.2904, 0.2920, 0.3238



97.1575, 0.3065, 0.3275



90.6899, 0.3085, 0.3598



20.6839, 0.3053, 0.3272



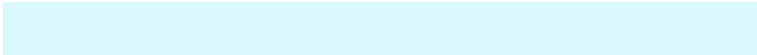
0.0000, 0.0000, 0.0000



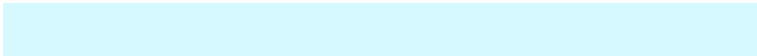
21.4041, 0.3127, 0.3290

Same Dimension

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



89.2904, 0.2920, 0.3238



89.2753, 0.2881, 0.3227



79.5836, 0.2915, 0.3066



19.9964, 0.2980, 0.3254



29.9514, 0.2115, 0.2812



3.0354, 0.2131, 0.2872

Inverse Universe

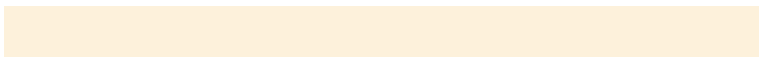
The Inverse Universe completely reimagines the original color for something new.



78.3390, 0.3176, 0.3005



76.2917, 0.3186, 0.2949



88.6537, 0.3346, 0.3505



18.2514, 0.3161, 0.3090



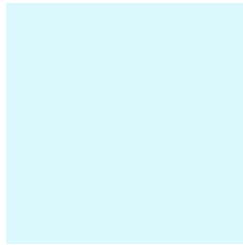
13.7516, 0.3623, 0.1770



1.3510, 0.3569, 0.1739

Previews

White Background



This preview shows how the Yxy color 89.2867, 0.2920, 0.3238 looks on a white background.

Color Contrast Check

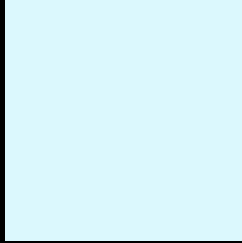
Large Text (above 18pt) WCAG AA × Fail

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 89.2867, 0.2920, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

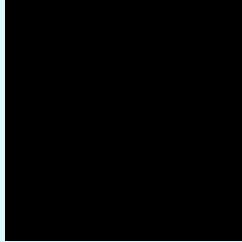
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.2867, 0.2920, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 89.2867, 0.2920, 0.3238.

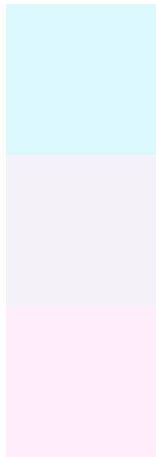


This preview shows how white text looks on a background with the Yxy color 89.2867, 0.2920, 0.3238.

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

89.2867, 0.2920, 0.3238

Protanopia

89.1626, 0.3105, 0.3211

Deuteranopia

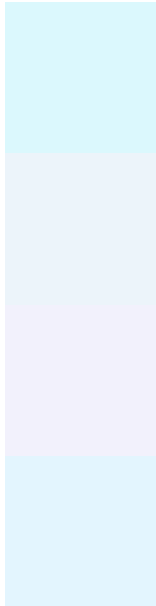
88.8566, 0.3154, 0.3145



Tritanopia

88.9103, 0.2981, 0.3179

Trichromacy



Original Color

89.2867, 0.2920, 0.3238

Protanomaly

89.4364, 0.3041, 0.3230

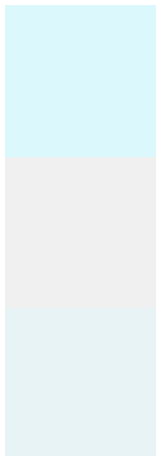
Deuteranomaly

88.8161, 0.3068, 0.3181

Tritanomaly

88.7915, 0.2962, 0.3199

Monochromacy



Original Color

89.2867, 0.2920, 0.3238

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.8496, 0.3045, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2867, 0.2920, 0.3238 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(219, 248, 253)` looks like.

```
.text, #text, p{  
    color:rgb(219, 248, 253)  
}
```

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(219, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 248, 253) }
```

Border

The CSS property to change the border of an element to Yxy 89.2867, 0.2920, 0.3238 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(219, 248, 253) }
```

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

```
.border{ border-color:rgb(219, 248, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 248, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 248, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 248, 253); box-shadow:4px 4px 4px 4px rgb(219, 248, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2867, 0.2920, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 248, 253) }
```

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

```
.background{ background-color: rgb(219,  
248, 253) }
```

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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