

Converting Colors

$Yxy(84.7759, 0.2911, 0.3284)$

Have a look what the booklet for
Yxy(84.7759, 0.2911, 0.3284)
contains.

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Color

Yxy(84.9347, 0.2915, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	D2F4F4
RGB	210, 244, 244
RGB Percent	82%, 96%, 96%
CMY	0.1762, 0.0432, 0.0431
CMYK	0.14, 0.00, 0.00, 0.04
HSL	180°, 61%, 89%
HSV	180°, 14%, 96%
XYZ	75.2766, 84.9347, 98.0274
YIQ	233.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

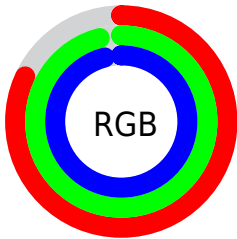
Format	Color
R _Y B	210, 227, 244
Decimal	13825268
CIE Lab	93.85, -10.91, -3.71
CIE LCh	94, 11.523, 198.805
Yxy	84.9347, 0.2915, 0.3289
Android (android.graphics.Color)	4292015348 (0xFFD2F4F4)
YUV	233.8340, 5.0118, -20.9024
Hunter-Lab	92.1600, -15.4807, 1.4473

Details

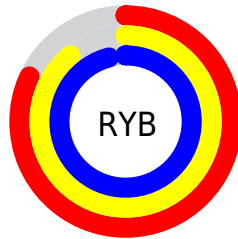
The Yxy color **84.9347, 0.2915, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.0426, 0.3385, 0.3291**, and the grayscale version is **82.1329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5658, 0.2866, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **81.6093, 0.2774, 0.3288**, and if you desaturate by 10%, it is **88.8133, 0.3066, 0.3290**.

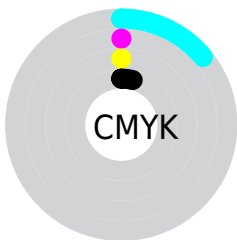
Distribution



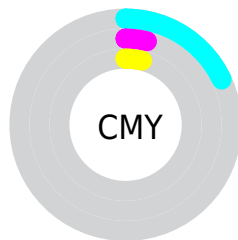
- Red (82%)
- Green (96%)
- Blue (96%)



- Red (82%)
- Yellow (89%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9347, 0.2915, 0.3289 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 84.9347, 0.2915, 0.3289 by changing the saturation by 10% instead.

84.9347, 0.2915,
0.3289

84.9347, 0.2915,
0.3289

511.4120, 0.3010,
0.3290

63.7874, 0.2894,
0.3289

140.2819, 0.2947,
0.3290

46.4785, 0.2868,
0.3288

175.2507, 0.2960,
0.3290

32.6236, 0.2836,
0.3287

215.5954, 0.2971,
0.3290

21.8383, 0.2796,
0.3286

261.7004, 0.2981,
0.3290

13.7381, 0.2741,
0.3283

313.9502, 0.2989,
0.3290

7.9387, 0.2666,
0.3280

372.7292, 0.2997,

4.0558, 0.2555,

0.3290

0.3272

438.4216, 0.3004,
0.3290

1.7048, 0.2373,
0.3257

0.4268, 0.1080,
0.3307

84.9347, 0.2915,
0.3289

84.9347, 0.2915,
0.3289

81.6093, 0.2774,
0.3288

88.8133, 0.3066,
0.3290

78.8019, 0.2646,
0.3288


92.5137, 0.3199,
0.3290


76.4894, 0.2533,
0.3287


92.5281, 0.3199,
0.3291

74.6431, 0.2439,
0.3286

92.5425, 0.3199,
0.3291

 73.2310, 0.2363,
0.3286


 92.5569, 0.3199,
0.3291

 72.2174, 0.2308,
0.3285


 92.5713, 0.3198,
0.3291

 71.5606, 0.2271,
0.3285

 92.5857, 0.3198,
0.3292

 71.2101, 0.2252,
0.3285

 92.6001, 0.3198,
0.3292

 71.1009, 0.2246,
0.3284

 92.6146, 0.3198,
0.3292

Harmonies

Analogous

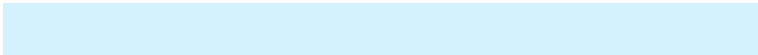
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9347, 0.3012, 0.3407



84.9347, 0.2915, 0.3289



84.9347, 0.2874, 0.3174

Triad

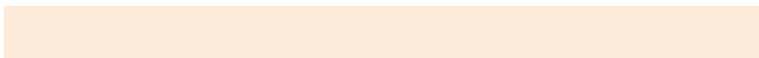
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9347, 0.2915, 0.3289



84.9347, 0.3109, 0.3097



84.9347, 0.3360, 0.3485

Complementary

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



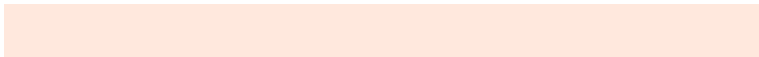
84.9347, 0.2915, 0.3289



70.0426, 0.3385, 0.3291

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.



84.9347, 0.3387, 0.3398



84.9347, 0.2915, 0.3289



84.9347, 0.3241, 0.3177

Square

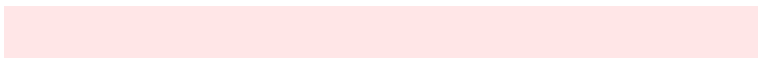
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9347, 0.2915, 0.3289



84.9347, 0.2984, 0.3067



84.9347, 0.3344, 0.3285



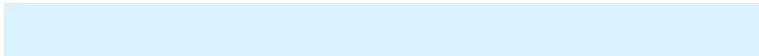
84.9347, 0.3269, 0.3522

Rectangle

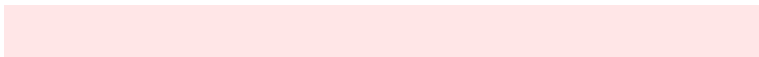
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



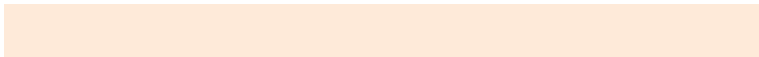
84.9347, 0.2915, 0.3289



84.9347, 0.2883, 0.3115



84.9347, 0.3344, 0.3285



84.9347, 0.3377, 0.3461

Sweetspot

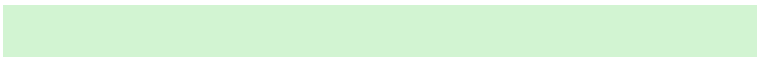
The Sweet Spot groups the original color and five complimentary colors.



84.9382, 0.2915, 0.3289



98.1101, 0.3065, 0.3290



83.0827, 0.3110, 0.3660



20.9260, 0.3053, 0.3290



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.



84.9382, 0.2915, 0.3289



92.6580, 0.2870, 0.3289



75.2111, 0.2909, 0.3107



18.7549, 0.2981, 0.3289



38.6556, 0.2246, 0.3284



3.3983, 0.2246, 0.3285

Inverse Universe

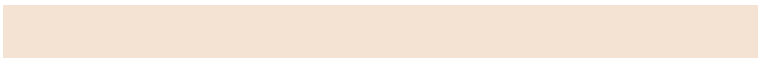
The Inverse Universe completely reimagines the original color for something new.



71.8997, 0.3144, 0.2946



75.3894, 0.3147, 0.2868



78.8584, 0.3360, 0.3466



16.7680, 0.3138, 0.3057



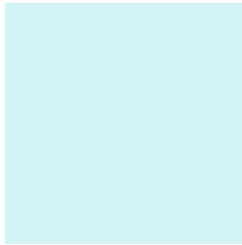
14.0017, 0.3212, 0.1543



1.2307, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 84.9347, 0.2915, 0.3289 looks on a white background.

Color Contrast Check

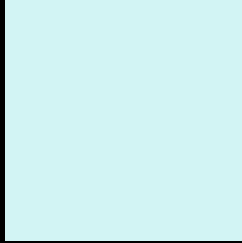
Large Text (above 18pt) WCAG AA × Fail

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 84.9347, 0.2915, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

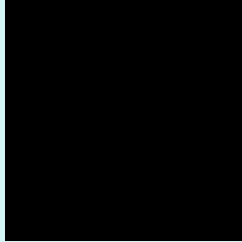
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

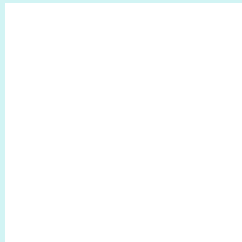
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9347, 0.2915, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 84.9347, 0.2915, 0.3289.

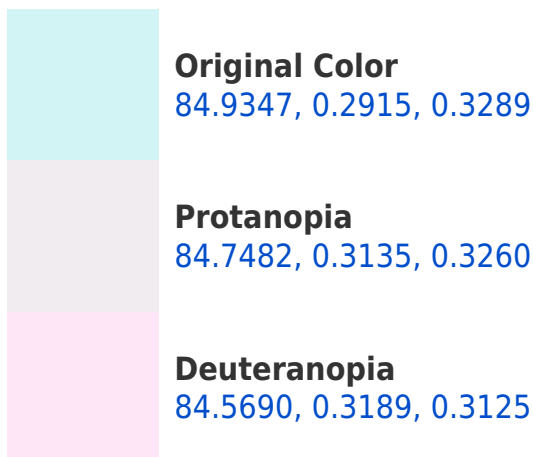


This preview shows how white text looks on a background with the Yxy color 84.9347, 0.2915, 0.3289.

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

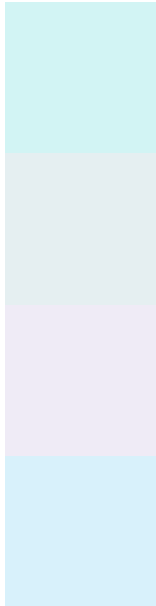




Tritanopia

84.6002, 0.2906, 0.3135

Trichromacy



Original Color

84.9347, 0.2915, 0.3289

Protanomaly

84.7419, 0.3050, 0.3269

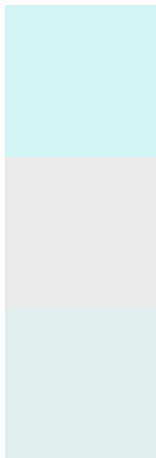
Deuteranomaly

84.4212, 0.3086, 0.3179

Tritanomaly

84.4746, 0.2911, 0.3186

Monochromacy



Original Color

84.9347, 0.2915, 0.3289

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.3297, 0.3042, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9347, 0.2915, 0.3289 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(210, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(210, 244, 244)  
}
```

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(210, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 244, 244) }
```

Border

The CSS property to change the border of an element to Yxy 84.9347, 0.2915, 0.3289 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(210, 244, 244) }
```

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

```
.border{ border-color:rgb(210, 244, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(210, 244,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9347, 0.2915, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 244, 244) }
```

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

```
.background{ background-color: rgb(210,  
244, 244) }
```

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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