

Converting Colors

Yxy(82.5795, 0.2890, 0.3210)

Have a look what the booklet for
Yxy(82.5795, 0.2890, 0.3210)
contains.

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Color

Yxy(82.5909, 0.2890, 0.3215)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D1F0F7 |
| RGB | 209, 240, 247 |
| RGB Percent | 82%, 94%, 97% |
| CMY | 0.1805, 0.0588, 0.0312 |
| CMYK | 0.15, 0.03, 0.00, 0.03 |
| HSL | 191°, 71%, 89% |
| HSV | 191°, 15%, 97% |
| XYZ | 74.2419, 82.5909, 100.0596 |
| YIQ | 231.5290, -20.7230, -4.3950 |

Conversions

Conversions Part 2

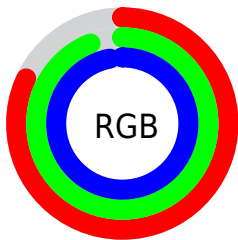
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 209, 226, 247 |
| Decimal | 13758711 |
| CIE Lab | 92.84, -8.64, -6.80 |
| CIE LCh | 93, 10.994, 218.194 |
| Yxy | 82.5909, 0.2890, 0.3215 |
| Android (android.graphics.Color) | 4291948791 (0xFFD1F0F7) |
| YUV | 231.5290, 7.6272, -19.7579 |
| Hunter-Lab | 90.8795, -13.2178, -1.6634 |

Details

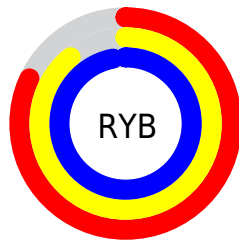
The Yxy color **82.5909, 0.2890, 0.3215** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.5002, 0.3407, 0.3364**, and the grayscale version is **80.2796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9126, 0.2835, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **76.6118, 0.2742, 0.3161**, and if you desaturate by 10%, it is **89.2032, 0.3043, 0.3265**.

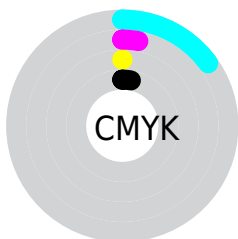
Distribution



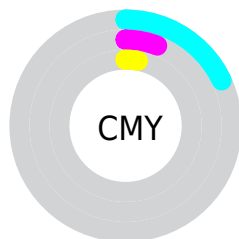
- Red (82%)
- Green (94%)
- Blue (97%)



- Red (82%)
- Yellow (89%)
- Blue (97%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5909, 0.2890, 0.3215 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 82.5909, 0.2890, 0.3215 by changing the saturation by 10% instead.

82.5909, 0.2890,
0.3215

82.5909, 0.2890,
0.3215

503.6221, 0.2997,
0.3250

61.8527, 0.2866,
0.3207

137.0023, 0.2926,
0.3227

44.9137, 0.2838,
0.3197

171.4444, 0.2941,
0.3232

31.3895, 0.2802,
0.3184

211.2232, 0.2953,
0.3236

20.8956, 0.2756,
0.3168

256.7231, 0.2964,
0.3240

13.0477, 0.2694,
0.3145

308.3286, 0.2974,
0.3243

7.4614, 0.2609,
0.3113

366.4239, 0.2982,

3.7523, 0.2482,

0.3245

0.3062

431.3937, 0.2990,
0.3248

■ 1.5360, 0.2275,
0.2972

■ 0.3139, 0.0717,
0.2576

■ 82.5909, 0.2890,
0.3215

■ 82.5909, 0.2890,
0.3215

■ 76.6118, 0.2742,
0.3161

■ 89.2032, 0.3043,
0.3265

■ 71.2294, 0.2602,
0.3102

■ 95.8162, 0.3177,
0.3310

■ 66.4190, 0.2474,
0.3040

■ 98.6754, 0.3174,
0.3354

■ 62.1500, 0.2360,
0.2975

■ 99.4982, 0.3173,
0.3366

■ 58.3884, 0.2264,
0.2909

■ 55.0961, 0.2186,
0.2841

■ 52.2285, 0.2129,
0.2773

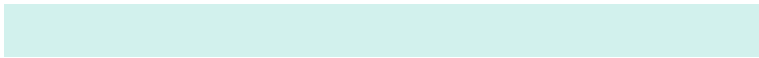
■ 49.7310, 0.2090,
0.2707

■ 48.6716, 0.2077,
0.2676

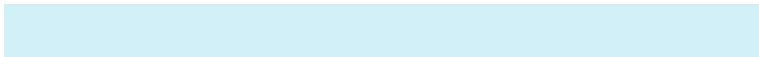
Harmonies

Analogous

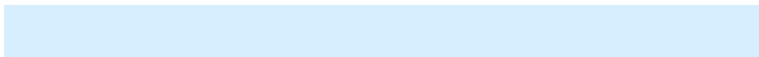
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5909, 0.2951, 0.3331



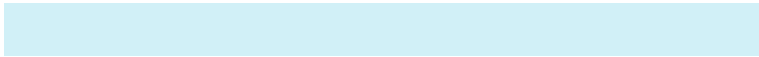
82.5909, 0.2890, 0.3215



82.5909, 0.2891, 0.3123

Triad

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



82.5909, 0.2890, 0.3215



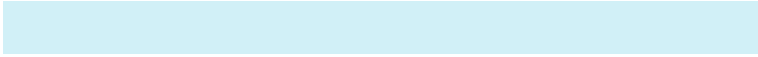
82.5909, 0.3193, 0.3149



82.5909, 0.3300, 0.3507

Complementary

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



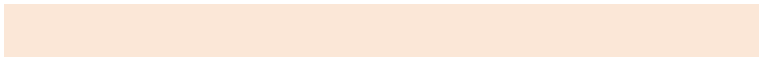
82.5909, 0.2890, 0.3215



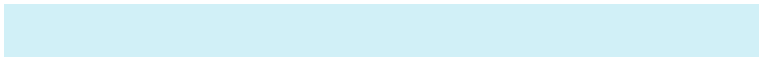
73.5002, 0.3407, 0.3364

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.



82.5909, 0.3368, 0.3453



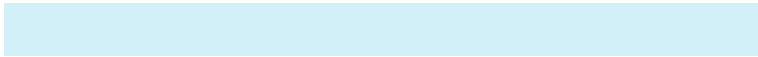
82.5909, 0.2890, 0.3215



82.5909, 0.3306, 0.3247

Square

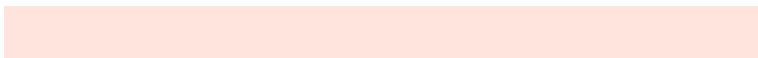
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5909, 0.2890, 0.3215



82.5909, 0.3064, 0.3088



82.5909, 0.3370, 0.3357



82.5909, 0.3187, 0.3503

Rectangle

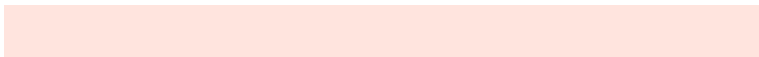
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



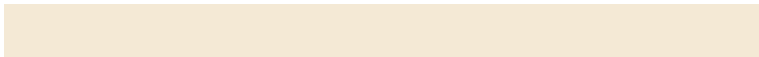
82.5909, 0.2890, 0.3215



82.5909, 0.2927, 0.3087



82.5909, 0.3370, 0.3357



82.5909, 0.3329, 0.3495

Sweetspot

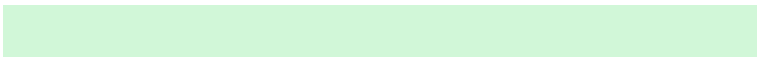
The Sweet Spot groups the original color and five complimentary colors.



82.5943, 0.2890, 0.3215



96.1672, 0.3049, 0.3267



85.0556, 0.3067, 0.3626



20.4715, 0.3039, 0.3264



0.0000, 0.0000, 0.0000



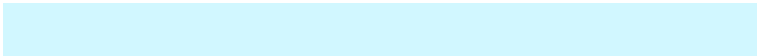
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5943, 0.2890, 0.3215



87.0162, 0.2851, 0.3201



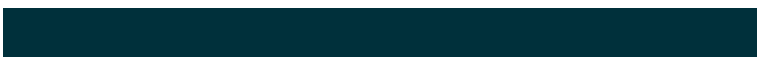
71.9969, 0.2882, 0.3009



18.2065, 0.2980, 0.3245



25.9255, 0.2080, 0.2687



2.4106, 0.2103, 0.2771

Inverse Universe

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



71.6609, 0.3194, 0.2976



73.5956, 0.3206, 0.2921



83.7944, 0.3377, 0.3556



16.7127, 0.3166, 0.3099



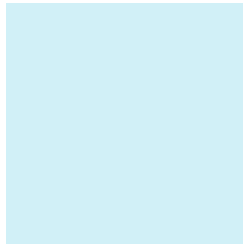
12.7166, 0.3740, 0.1834



1.1310, 0.3662, 0.1791

Previews

White Background



This preview shows how the Yxy color 82.5909, 0.2890, 0.3215 looks on a white background.

Color Contrast Check

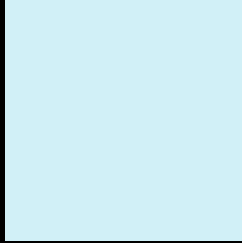
Large Text (above 18pt) WCAG AA × Fail

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 82.5909, 0.2890, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

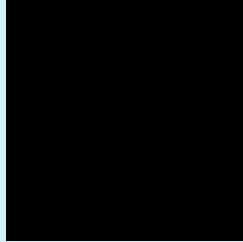
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

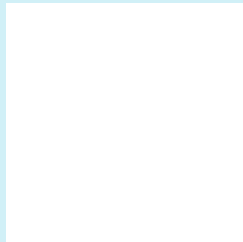
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5909, 0.2890, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 82.5909, 0.2890, 0.3215.

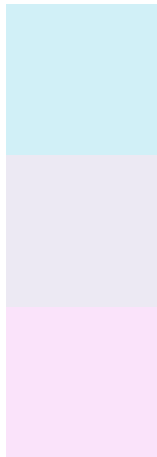


This preview shows how white text looks on a background with the Yxy color 82.5909, 0.2890, 0.3215.

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

82.5909, 0.2890, 0.3215

Protanopia

82.5818, 0.3085, 0.3188

Deuteranopia

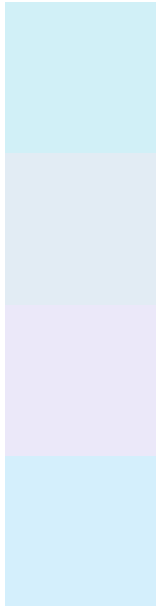
82.1643, 0.3138, 0.3064



Tritanopia

82.6652, 0.2875, 0.3113

Trichromacy



Original Color

82.5909, 0.2890, 0.3215

Protanomaly

82.6913, 0.3013, 0.3207

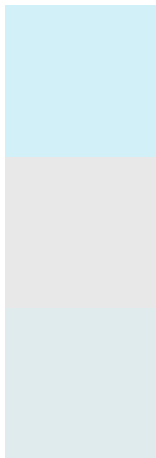
Deuteranomaly

82.2149, 0.3042, 0.3118

Tritanomaly

82.7583, 0.2880, 0.3154

Monochromacy



Original Color

82.5909, 0.2890, 0.3215

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.3784, 0.3042, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5909, 0.2890, 0.3215 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(209, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(209, 240, 247)  
}
```

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(209, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 240, 247) }
```

Border

The CSS property to change the border of an element to Yxy 82.5909, 0.2890, 0.3215 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(209, 240, 247) }
```

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

```
.border{ border-color:rgb(209, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(209, 240,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5909, 0.2890, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 240, 247) }
```

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

```
.background{ background-color: rgb(209,  
240, 247) }
```

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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