

Converting Colors

Yxy(82.2716, 0.2910, 0.3168)

Have a look what the booklet for
Yxy(82.2716, 0.2910, 0.3168)
contains.

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Color

Yxy(82.4357, 0.2915, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	D7EEF9
RGB	215, 238, 249
RGB Percent	84%, 93%, 98%
CMY	0.1570, 0.0666, 0.0236
CMYK	0.14, 0.04, 0.00, 0.02
HSL	199°, 74%, 91%
HSV	199°, 14%, 98%
XYZ	75.6851, 82.4357, 101.5192
YIQ	232.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

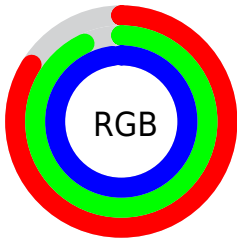
Format	Color
R _Y B	215, 229, 249
Decimal	14151417
CIE Lab	92.77, -5.38, -7.86
CIE LCh	93, 9.523, 235.588
Yxy	82.4357, 0.2915, 0.3175
Android (android.graphics.Color)	4292341497 (0xFFD7EEF9)
YUV	232.3770, 8.1951, -15.2396
Hunter-Lab	90.7941, -10.0939, -2.7378

Details

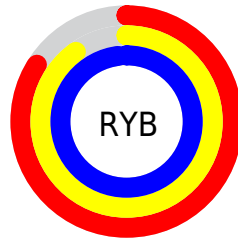
The Yxy color **82.4357, 0.2915, 0.3175** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.3841, 0.3364, 0.3402**, and the grayscale version is **80.9367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7797, 0.2865, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **74.3878, 0.2760, 0.3081**, and if you desaturate by 10%, it is **91.2718, 0.3071, 0.3261**.

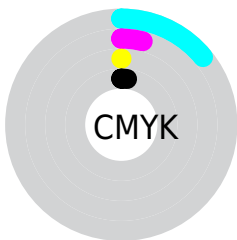
Distribution



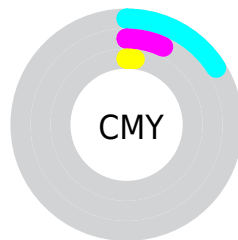
- Red (84%)
- Green (93%)
- Blue (98%)



- Red (84%)
- Yellow (90%)
- Blue (98%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4357, 0.2915, 0.3175 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 82.4357, 0.2915, 0.3175 by changing the saturation by 10% instead.

■ 82.4357, 0.2915,
0.3175

■ 82.4357, 0.2915,
0.3175

503.1039, 0.3010,
0.3228

■ 61.7247, 0.2894,
0.3163

136.7848, 0.2948,
0.3193

■ 44.8103, 0.2868,
0.3148

171.1918, 0.2960,
0.3200

■ 31.3080, 0.2836,
0.3130

210.9329, 0.2972,
0.3206

■ 20.8335, 0.2794,
0.3106

256.3925, 0.2981,
0.3212

■ 13.0024, 0.2739,
0.3074

307.9550, 0.2990,
0.3217

■ 7.4302, 0.2662,
0.3028

366.0048, 0.2997,

■ 3.7326, 0.2548,

0.3221

0.2957

430.9263, 0.3004,
0.3224

■ 1.5251, 0.2361,
0.2837

■ 0.3063, 0.1184,
0.2271

■ 82.4357, 0.2915,
0.3175

■ 82.4357, 0.2915,
0.3175

■ 74.3878, 0.2760,
0.3081

■ 91.2718, 0.3071,
0.3261

■ 67.0894, 0.2608,
0.2978

■ 99.0151, 0.3163,
0.3339

■ 60.5134, 0.2464,
0.2867

■ 99.6177, 0.3162,
0.3348

■ 54.6266, 0.2330,
0.2751

■ 49.3929, 0.2211,
0.2629

■ 44.7719, 0.2110,
0.2505

■ 40.7170, 0.2029,
0.2380

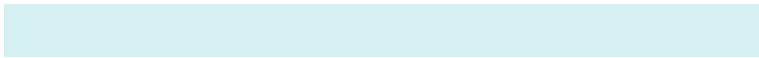
■ 37.1723, 0.1969,
0.2258

■ 35.1385, 0.1939,
0.2181

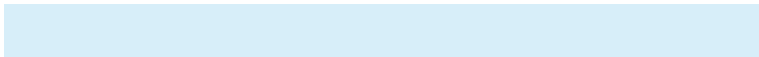
Harmonies

Analogous

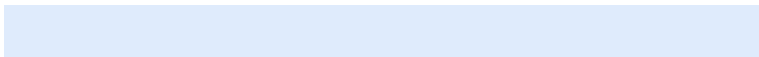
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4357, 0.2937, 0.3267



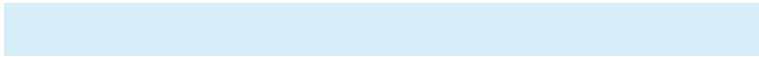
82.4357, 0.2915, 0.3175



82.4357, 0.2948, 0.3116

Triad

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



82.4357, 0.2915, 0.3175



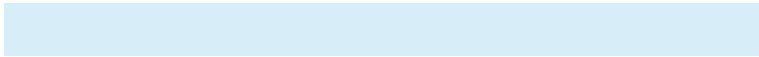
82.4357, 0.3245, 0.3214



82.4357, 0.3224, 0.3482

Complementary

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



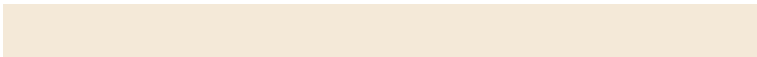
82.4357, 0.2915, 0.3175



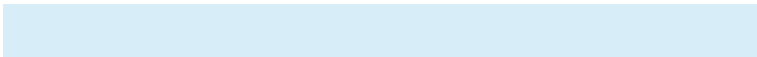
79.3841, 0.3364, 0.3402

Split Complementary

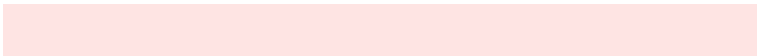
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4357, 0.3308, 0.3464



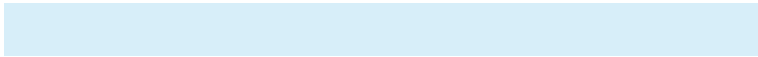
82.4357, 0.2915, 0.3175



82.4357, 0.3321, 0.3309

Square

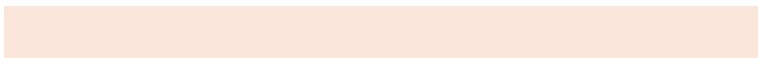
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



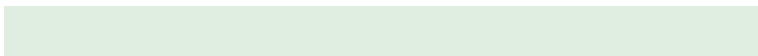
82.4357, 0.2915, 0.3175



82.4357, 0.3137, 0.3140



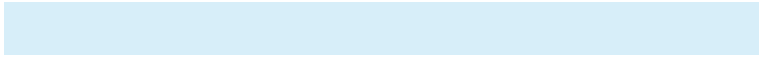
82.4357, 0.3344, 0.3400



82.4357, 0.3114, 0.3447

Rectangle

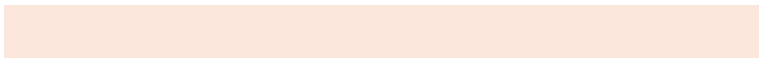
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4357, 0.2915, 0.3175



82.4357, 0.2998, 0.3103



82.4357, 0.3344, 0.3400



82.4357, 0.3256, 0.3482

Sweetspot

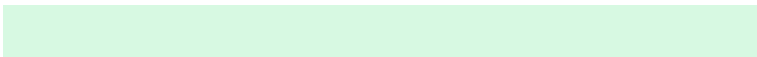
The Sweet Spot groups the original color and five complimentary colors.



82.4391, 0.2915, 0.3175



96.0387, 0.3065, 0.3258



87.6503, 0.3048, 0.3536



20.4001, 0.3054, 0.3252



0.0000, 0.0000, 0.0000



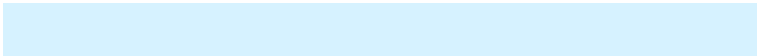
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4391, 0.2915, 0.3175



84.9683, 0.2878, 0.3154



73.0960, 0.2910, 0.2995



18.6109, 0.2980, 0.3212



19.0828, 0.1945, 0.2201



1.9593, 0.1985, 0.2346

Inverse Universe

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



74.8900, 0.3217, 0.3058



75.8569, 0.3235, 0.3017



88.9813, 0.3341, 0.3569



17.4239, 0.3188, 0.3130



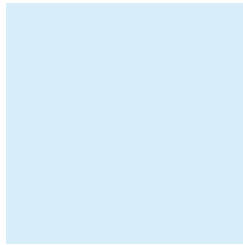
12.3373, 0.4232, 0.2105



1.1620, 0.4078, 0.2020

Previews

White Background



This preview shows how the Yxy color 82.4357, 0.2915, 0.3175 looks on a white background.

Color Contrast Check

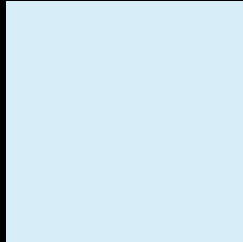
Large Text (above 18pt) WCAG AA × Fail

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 82.4357, 0.2915, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

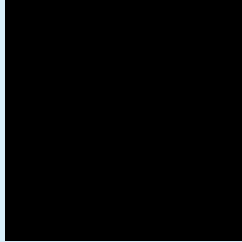
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

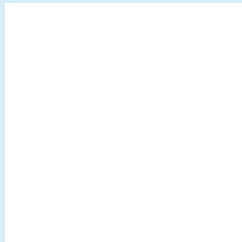
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4357, 0.2915, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 82.4357, 0.2915, 0.3175.

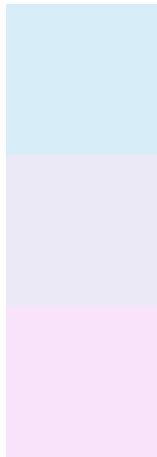


This preview shows how white text looks on a background with the Yxy color 82.4357, 0.2915, 0.3175.

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

82.4357, 0.2915, 0.3175

Protanopia

82.5938, 0.3060, 0.3158

Deuteranopia

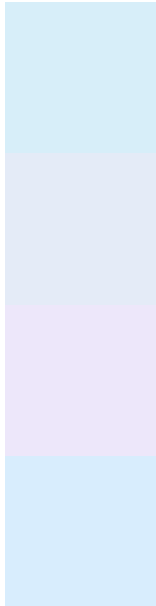
82.0429, 0.3125, 0.3054



Tritanopia

82.5401, 0.2893, 0.3103

Trichromacy



Original Color

82.4357, 0.2915, 0.3175

Protanomaly

82.6260, 0.3008, 0.3167

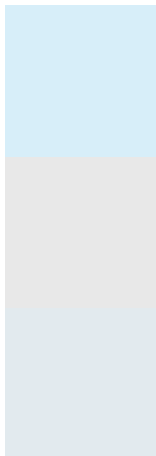
Deuteranomaly

82.0585, 0.3049, 0.3098

Tritanomaly

82.2592, 0.2898, 0.3123

Monochromacy



Original Color

82.4357, 0.2915, 0.3175

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.1874, 0.3049, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4357, 0.2915, 0.3175 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(215, 238, 249)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 249)  
}
```

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(215, 238, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 249) }
```

Border

The CSS property to change the border of an element to Yxy 82.4357, 0.2915, 0.3175 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(215, 238, 249) }
```

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

```
.border{ border-color:rgb(215, 238, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 249);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4357, 0.2915, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 249) }
```

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

```
.background{ background-color: rgb(215,  
238, 249) }
```

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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