

Converting Colors

Yxy(83.4704, 0.2814, 0.3089)

Have a look what the booklet for
Yxy(83.4704, 0.2814, 0.3089)
contains.

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Color

Yxy(82.9501, 0.2840, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	D0F0FF
RGB	208, 240, 255
RGB Percent	82%, 94%, 100%
CMY	0.1845, 0.0588, 0.0000
CMYK	0.18, 0.06, 0.00, 0.00
HSL	199°, 100%, 91%
HSV	199°, 18%, 100%
XYZ	75.2166, 82.9501, 106.6804
YIQ	232.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

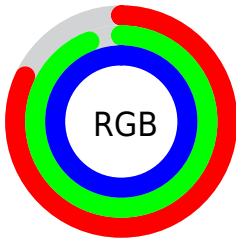
Format	Color
R _Y B	208, 227, 255
Decimal	13693183
CIE Lab	92.99, -7.31, -10.72
CIE LCh	93, 12.980, 235.707
Yxy	82.9501, 0.2840, 0.3132
Android (android.graphics.Color)	4291883263 (0xFFD0F0FF)
YUV	232.1420, 11.2690, -21.1725
Hunter-Lab	91.0769, -11.9691, -5.6938

Details

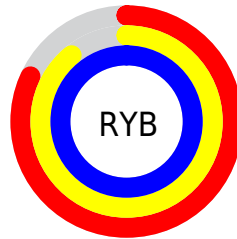
The Yxy color **82.9501, 0.2840, 0.3132** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.5561, 0.3462, 0.3443**, and the grayscale version is **80.7302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1305, 0.2779, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **74.8719, 0.2686, 0.3035**, and if you desaturate by 10%, it is **91.8392, 0.2996, 0.3221**.

Distribution



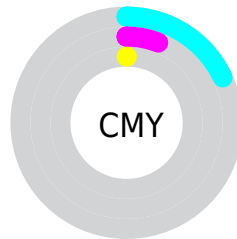
- Red (82%)
- Green (94%)
- Blue (100%)



- Red (82%)
- Yellow (89%)
- Blue (100%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.9501, 0.2840, 0.3132 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 82.9501, 0.2840, 0.3132 by changing the saturation by 10% instead.

82.9501, 0.2840,
0.3132

82.9501, 0.2840,
0.3132

504.8202, 0.2969,
0.3205

62.1490, 0.2812,
0.3116

137.5056, 0.2884,
0.3157

45.1531, 0.2777,
0.3095

172.0287, 0.2901,
0.3167

31.5780, 0.2734,
0.3070

211.8947, 0.2916,
0.3175

21.0394, 0.2679,
0.3037

257.4878, 0.2929,
0.3183

13.1528, 0.2606,
0.2993

309.1925, 0.2941,
0.3189

7.5339, 0.2505,
0.2930

367.3932, 0.2951,

3.7982, 0.2357,

0.3195

0.2834

432.4743, 0.2960,
0.3200

■ 1.5613, 0.2119,
0.2671

■ 0.3313, 0.0860,
0.2089

■ 82.9501, 0.2840,
0.3132

■ 82.9501, 0.2840,
0.3132

■ 74.8719, 0.2686,
0.3035

■ 91.8392, 0.2996,
0.3221

■ 67.5696, 0.2538,
0.2929

100.0000, 0.3127,
0.3290

■ 61.0110, 0.2398,
0.2817

■ 55.1596, 0.2271,
0.2699

■ 49.9751, 0.2161,
0.2577

■ 45.4120, 0.2070,
0.2454

■ 41.4169, 0.2000,
0.2331

■ 37.9160, 0.1949,
0.2211

■ 37.4022, 0.1942,
0.2192

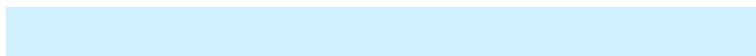
Harmonies

Analogous

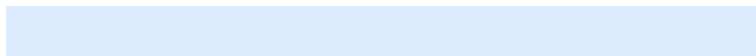
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9501, 0.2870, 0.3256



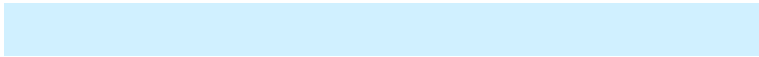
82.9501, 0.2840, 0.3132



82.9501, 0.2885, 0.3054

Triad

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



82.9501, 0.2840, 0.3132



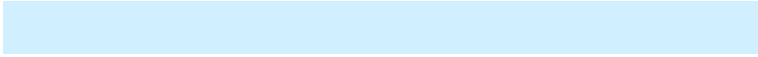
82.9501, 0.3287, 0.3188



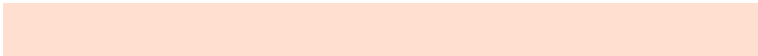
82.9501, 0.3257, 0.3553

Complementary

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



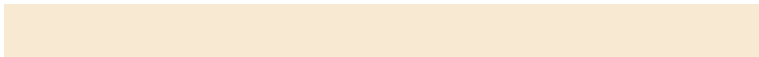
82.9501, 0.2840, 0.3132



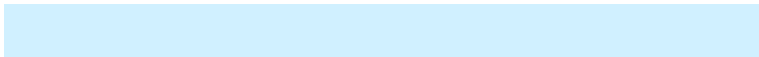
78.5561, 0.3462, 0.3443

Split Complementary

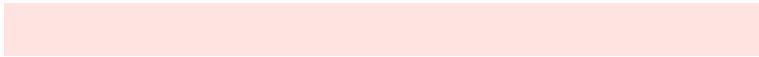
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9501, 0.3373, 0.3527



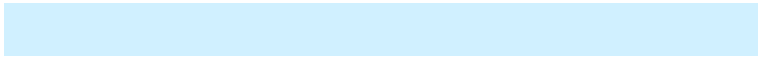
82.9501, 0.2840, 0.3132



82.9501, 0.3391, 0.3314

Square

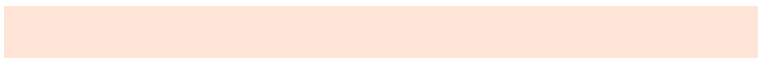
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



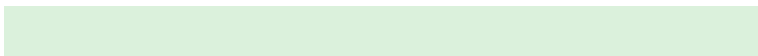
82.9501, 0.2840, 0.3132



82.9501, 0.3141, 0.3088



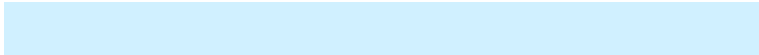
82.9501, 0.3423, 0.3438



82.9501, 0.3108, 0.3505

Rectangle

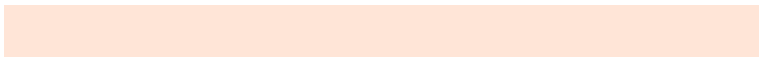
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9501, 0.2840, 0.3132



82.9501, 0.2952, 0.3037



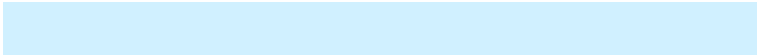
82.9501, 0.3423, 0.3438



82.9501, 0.3301, 0.3552

Sweetspot

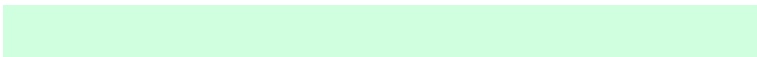
The Sweet Spot groups the original color and five complimentary colors.



82.9514, 0.2840, 0.3132



94.1424, 0.3034, 0.3242



90.2431, 0.3021, 0.3632



20.0178, 0.3024, 0.3237



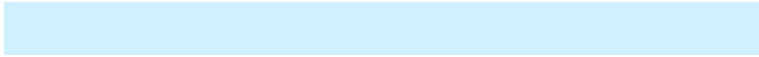
0.0000, 0.0000, 0.0000



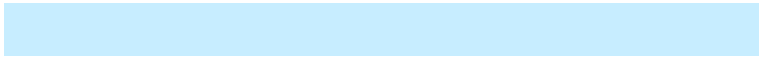
21.4041, 0.3127, 0.3290

Same Dimension

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



82.9514, 0.2840, 0.3132



79.9914, 0.2785, 0.3099



70.0328, 0.2826, 0.2879



19.4482, 0.2980, 0.3212



19.8246, 0.1948, 0.2212



2.1274, 0.1986, 0.2349

Inverse Universe

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



72.6419, 0.3253, 0.2972



68.1828, 0.3282, 0.2908



91.9518, 0.3420, 0.3670



18.1961, 0.3187, 0.3129



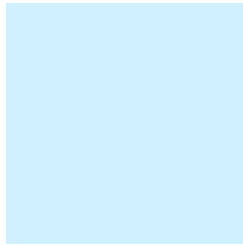
12.7293, 0.4219, 0.2098



1.2593, 0.4075, 0.2018

Previews

White Background



This preview shows how the Yxy color 82.9501, 0.2840, 0.3132 looks on a white background.

Color Contrast Check

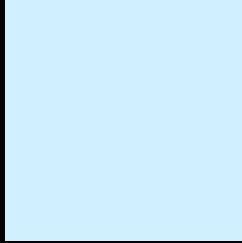
Large Text (above 18pt) WCAG AA × Fail

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 82.9501, 0.2840, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

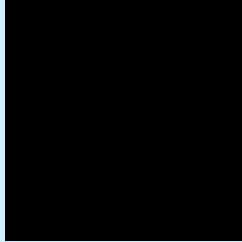
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

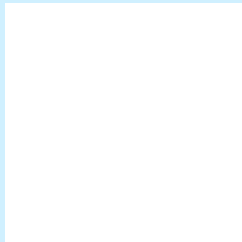
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9501, 0.2840, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 82.9501, 0.2840, 0.3132.



This preview shows how white text looks on a background with the Yxy color 82.9501, 0.2840, 0.3132.

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

82.9501, 0.2840, 0.3132

Protanopia

82.7353, 0.3023, 0.3108

Deuteranopia

82.6711, 0.3072, 0.3033



Tritanopia

83.0991, 0.2870, 0.3123

Trichromacy



Original Color

82.9501, 0.2840, 0.3132

Protanomaly

83.0267, 0.2960, 0.3126

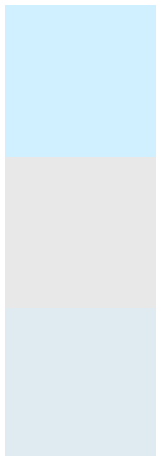
Deuteranomaly

82.6536, 0.2986, 0.3068

Tritanomaly

82.8019, 0.2858, 0.3122

Monochromacy



Original Color

82.9501, 0.2840, 0.3132

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.3959, 0.3018, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9501, 0.2840, 0.3132 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(208, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 240, 255)  
}
```

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(208, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 240, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.9501, 0.2840, 0.3132 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(208, 240, 255) }
```

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

```
.border{ border-color:rgb(208, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 240,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9501, 0.2840, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 240, 255) }
```

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

```
.background{ background-color: rgb(208,  
240, 255) }
```

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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