

Converting Colors

Yxy(81.1042, 0.2804, 0.3140)

Have a look what the booklet for
Yxy(81.1042, 0.2804, 0.3140)
contains.

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Color

Yxy(81.1042, 0.2804, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	C8EFFD
RGB	200, 239, 253
RGB Percent	78%, 94%, 99%
CMY	0.2155, 0.0628, 0.0078
CMYK	0.21, 0.06, 0.00, 0.01
HSL	196°, 93%, 89%
HSV	196°, 21%, 99%
XYZ	72.4255, 81.1042, 104.7639
YIQ	228.9350, -27.7380, -3.9140

Conversions

Conversions Part 2

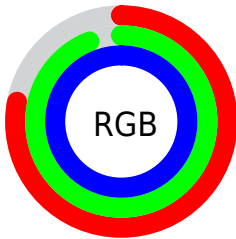
Format	Color
R _Y B	200, 222, 253
Decimal	13168637
CIE Lab	92.18, -9.60, -10.93
CIE LCh	92, 14.545, 228.725
Yxy	81.1042, 0.2804, 0.3140
Android (android.graphics.Color)	4291358717 (0xFFC8E9FD)
YUV	228.9350, 11.8640, -25.3760
Hunter-Lab	90.0579, -14.0496, -5.9313

Details

The Yxy color **81.1042, 0.2804, 0.3140** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.1792, 0.3521, 0.3435**, and the grayscale version is **78.2394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8722, 0.2734, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **74.0596, 0.2655, 0.3058**, and if you desaturate by 10%, it is **88.8770, 0.2958, 0.3215**.

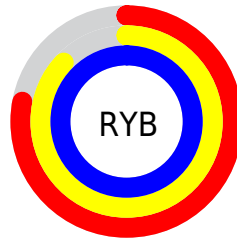
Distribution



Red (78%)

Green (94%)

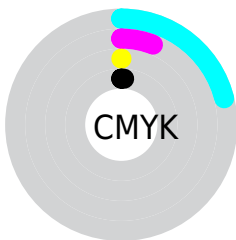
Blue (99%)



Red (78%)

Yellow (87%)

Blue (99%)

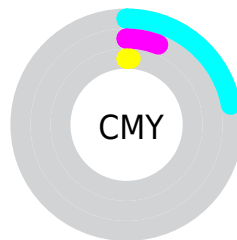


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (6%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1042, 0.2804, 0.3140 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 81.1042, 0.2804, 0.3140 by changing the saturation by 10% instead.

81.1042, 0.2804,
0.3140

81.1042, 0.2804,
0.3140

498.6463, 0.2949,
0.3210

60.6274, 0.2772,
0.3124

134.9171, 0.2854,
0.3164

43.9246, 0.2733,
0.3104

169.0219, 0.2873,
0.3174

30.6112, 0.2684,
0.3079

208.4383, 0.2890,
0.3182

20.3030, 0.2621,
0.3047

253.5506, 0.2905,
0.3189

12.6155, 0.2539,
0.3003

304.7431, 0.2918,
0.3195

7.1643, 0.2424,
0.2939

362.4003, 0.2929,

3.5651, 0.2255,

0.3200

0.2841

426.9066, 0.2940,
0.3205

1.4334, 0.1983,
0.2671

0.2411, 0.0000,
0.1900

81.1042, 0.2804,
0.3140

81.1042, 0.2804,
0.3140

74.0596, 0.2655,
0.3058

88.8770, 0.2958,
0.3215

67.7033, 0.2513,
0.2970

97.3960, 0.3113,
0.3284

62.0065, 0.2383,
0.2876

99.8718, 0.3139,
0.3309

56.9337, 0.2268,
0.2779

■ 52.4456, 0.2170,
0.2679

■ 48.4972, 0.2092,
0.2579

■ 45.0349, 0.2035,
0.2479

■ 42.2386, 0.1997,
0.2390

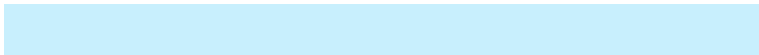
Harmonies

Analogous

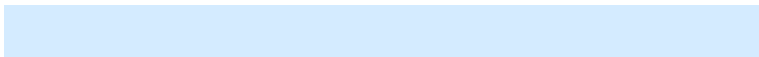
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1042, 0.2856, 0.3288



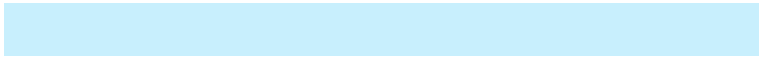
81.1042, 0.2804, 0.3140



81.1042, 0.2835, 0.3038

Triad

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



81.1042, 0.2804, 0.3140



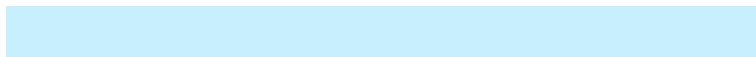
81.1042, 0.3272, 0.3145



81.1042, 0.3309, 0.3588

Complementary

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



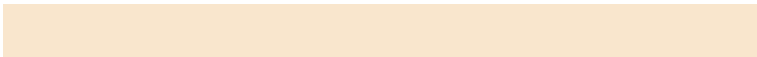
81.1042, 0.2804, 0.3140



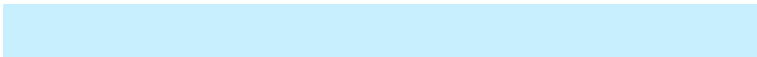
73.1792, 0.3521, 0.3435

Split Complementary

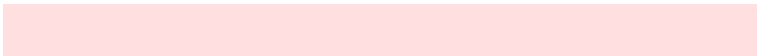
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1042, 0.3426, 0.3539



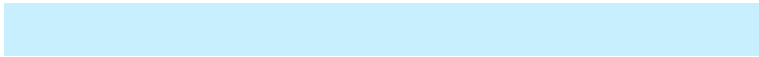
81.1042, 0.2804, 0.3140



81.1042, 0.3405, 0.3283

Square

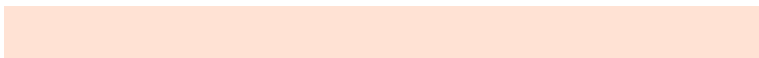
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1042, 0.2804, 0.3140



81.1042, 0.3102, 0.3045



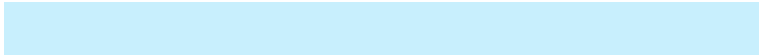
81.1042, 0.3462, 0.3426



81.1042, 0.3145, 0.3553

Rectangle

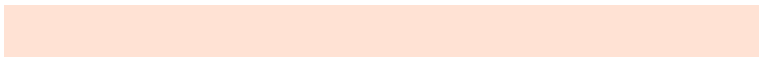
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



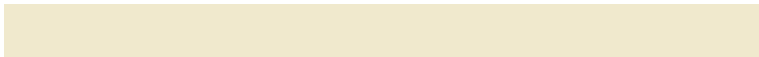
81.1042, 0.2804, 0.3140



81.1042, 0.2900, 0.3008



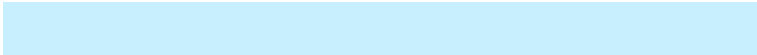
81.1042, 0.3462, 0.3426



81.1042, 0.3355, 0.3580

Sweetspot

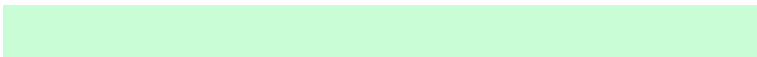
The Sweet Spot groups the original color and five complimentary colors.



81.1075, 0.2804, 0.3140



94.6574, 0.3034, 0.3250



87.3558, 0.3026, 0.3723



20.1397, 0.3024, 0.3246



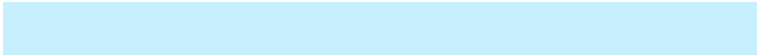
0.0000, 0.0000, 0.0000



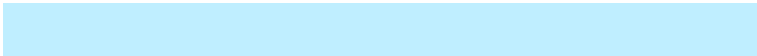
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1075, 0.2804, 0.3140



79.5566, 0.2742, 0.3107



67.1137, 0.2785, 0.2856



19.6205, 0.2980, 0.3226



22.7209, 0.2002, 0.2406



2.3912, 0.2033, 0.2518

Inverse Universe

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



68.4480, 0.3252, 0.2900



64.8117, 0.3281, 0.2821



87.2359, 0.3469, 0.3689



18.2135, 0.3179, 0.3117



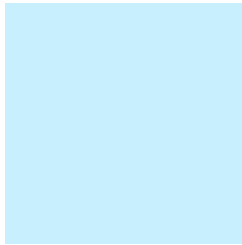
13.0216, 0.4017, 0.1987



1.2859, 0.3904, 0.1924

Previews

White Background



This preview shows how the Yxy color 81.1042, 0.2804, 0.3140 looks on a white background.

Color Contrast Check

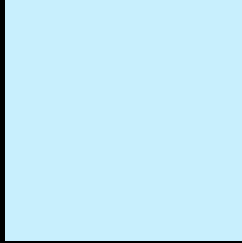
Large Text (above 18pt) WCAG AA × Fail

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 81.1042, 0.2804, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

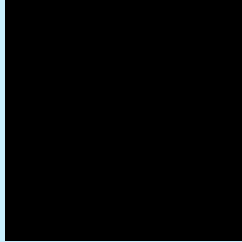
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1042, 0.2804, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 81.1042, 0.2804, 0.3140.

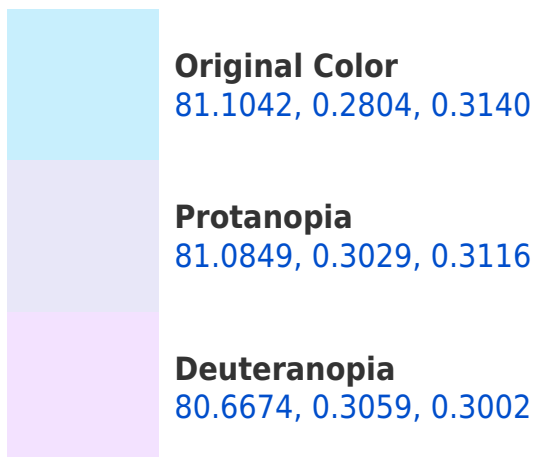


This preview shows how white text looks on a background with the Yxy color 81.1042, 0.2804, 0.3140.

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

81.2064, 0.2816, 0.3110

Trichromacy



Original Color

81.1042, 0.2804, 0.3140

Protanomaly

80.9634, 0.2939, 0.3123

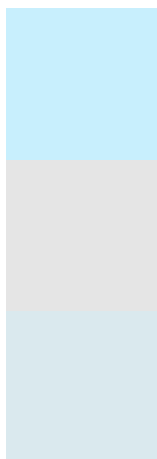
Deuteranomaly

80.6385, 0.2960, 0.3055

Tritanomaly

81.0013, 0.2815, 0.3120

Monochromacy



Original Color

81.1042, 0.2804, 0.3140

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.3563, 0.2997, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1042, 0.2804, 0.3140 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(200, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(200, 239, 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(200, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 239, 253) }
```

Border

The CSS property to change the border of an element to Yxy 81.1042, 0.2804, 0.3140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

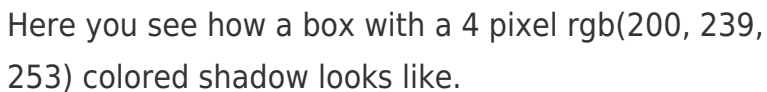
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 239, 253) }
```

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

```
.border{ border-color:rgb(200, 239, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 239, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(200, 239,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1042, 0.2804, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 239, 253) }
```

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

```
.background{ background-color: rgb(200,  
239, 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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