

Converting Colors

$Yxy(81.7322, 0.2657, 0.3204)$

Have a look what the booklet for
Yxy(81.7322, 0.2657, 0.3204)
contains.

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Color

Yxy(81.8379, 0.2654, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	ACF6FE
RGB	172, 246, 254
RGB Percent	67%, 96%, 100%
CMY	0.3256, 0.0353, 0.0040
CMYK	0.32, 0.03, 0.00, 0.00
HSL	186°, 98%, 84%
HSV	186°, 32%, 100%
XYZ	67.8531, 81.8379, 105.9725
YIQ	224.7860, -46.6720, -13.2000

Conversions

Conversions Part 2

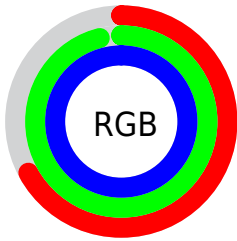
Format	Color
R_{YB}	172, 211, 254
Decimal	11335422
CIE _{Lab}	92.50, -20.82, -11.13
CIE _{LCh}	93, 23.605, 208.125
Yxy	81.8379, 0.2654, 0.3201
Android (android.graphics.Color)	4289525502 (0xFFACF6FE)
YUV	224.7860, 14.4025, -46.2933
Hunter-Lab	90.4643, -24.4279, -6.1290

Details

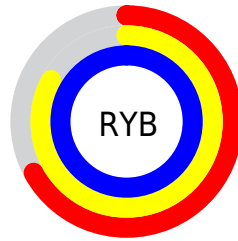
The Yxy color **81.8379, 0.2654, 0.3201** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.6723, 0.3850, 0.3376**, and the grayscale version is **75.0520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **44.5711, 0.2553, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **77.7441, 0.2530, 0.3169**, and if you desaturate by 10%, it is **86.5073, 0.2791, 0.3231**.

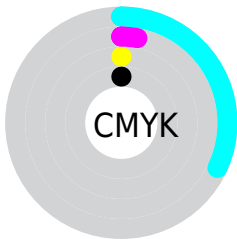
Distribution



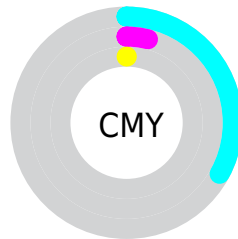
- Red (67%)
- Green (96%)
- Blue (100%)



- Red (67%)
- Yellow (83%)
- Blue (100%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (33%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.8379, 0.2654, 0.3201 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 81.8379, 0.2654, 0.3201 by changing the saturation by 10% instead.

 81.8379, 0.2654,
0.3201

 81.8379, 0.2654,
0.3201


501.1053, 0.2865,
0.3245

 61.2319, 0.2608,
0.3190


 135.9467, 0.2726,
0.3217

 44.4124, 0.2551,
0.3177


170.2182, 0.2754,
0.3223

 30.9948, 0.2482,
0.3159


209.8138, 0.2779,
0.3228

 20.5949, 0.2393,
0.3135

255.1178, 0.2800,
0.3233

 12.8282, 0.2276,
0.3101

306.5145, 0.2819,
0.3236

 7.3104, 0.2117,
0.3051

364.3884, 0.2836,

 3.6569, 0.1887,

0.3240

0.2968

429.1239, 0.2851,
0.3243

■ 1.4836, 0.1532,
0.2815

■ 0.2771, 0.0000,
0.2035

■ 81.8379, 0.2654,
0.3201

■ 81.8379, 0.2654,
0.3201

■ 77.7441, 0.2530,
0.3169

■ 86.5073, 0.2791,
0.3231

■ 74.1848, 0.2422,
0.3137

■ 91.7715, 0.2938,
0.3259

■ 71.1284, 0.2331,
0.3103

■ 97.6607, 0.3091,
0.3284

■ 68.5363, 0.2260,
0.3069

■ 99.9348, 0.3133,
0.3300

■ 66.3636, 0.2208,
0.3035

■ 64.5562, 0.2176,
0.3001

■ 63.3496, 0.2160,
0.2976

Harmonies

Analogous

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



81.8379, 0.2817, 0.3461



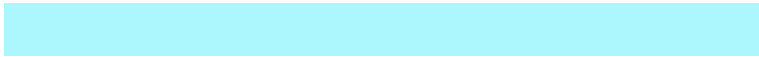
81.8379, 0.2654, 0.3201



81.8379, 0.2613, 0.2981

Triad

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



81.8379, 0.2654, 0.3201



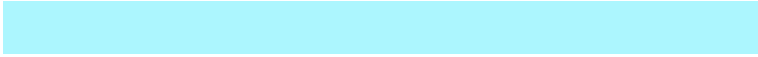
81.8379, 0.3171, 0.2942



81.8379, 0.3562, 0.3729

Complementary

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



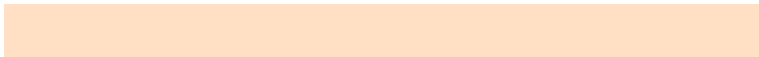
81.8379, 0.2654, 0.3201



56.6723, 0.3850, 0.3376

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.



81.8379, 0.3669, 0.3567



81.8379, 0.2654, 0.3201



81.8379, 0.3438, 0.3121

Square

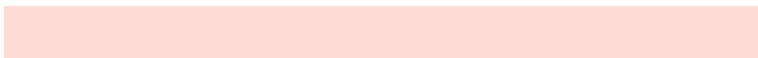
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8379, 0.2654, 0.3201



81.8379, 0.2902, 0.2846



81.8379, 0.3624, 0.3346



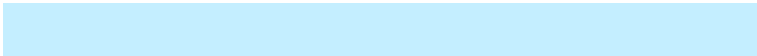
81.8379, 0.3339, 0.3776

Rectangle

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



81.8379, 0.2654, 0.3201



81.8379, 0.2658, 0.2886



81.8379, 0.3624, 0.3346



81.8379, 0.3613, 0.3685

Sweetspot

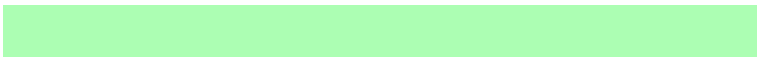
The Sweet Spot groups the original color and five complimentary colors.



81.8412, 0.2654, 0.3201



93.9081, 0.2972, 0.3265



82.8906, 0.3046, 0.4169



19.9280, 0.2951, 0.3261



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.



81.8412, 0.2654, 0.3201



79.7460, 0.2569, 0.3180



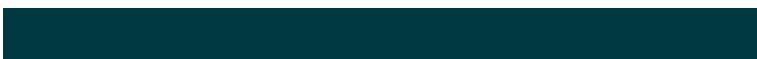
60.1391, 0.2597, 0.2740



20.1616, 0.2980, 0.3266



33.5250, 0.2162, 0.2981



3.3482, 0.2172, 0.3019

Inverse Universe

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



57.2214, 0.3227, 0.2556



51.4988, 0.3252, 0.2406



75.1371, 0.3718, 0.3783



18.2681, 0.3153, 0.3078



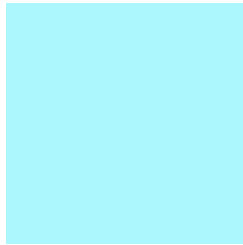
14.1123, 0.3471, 0.1686



1.3825, 0.3437, 0.1667

Previews

White Background



This preview shows how the Yxy color 81.8379, 0.2654, 0.3201 looks on a white background.

Color Contrast Check

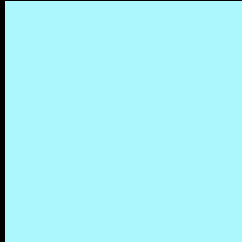
Large Text (above 18pt) WCAG AA × Fail

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 81.8379, 0.2654, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

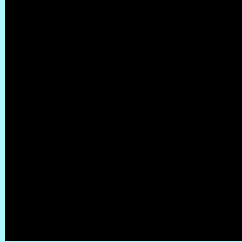
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.8379, 0.2654, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 81.8379, 0.2654, 0.3201.

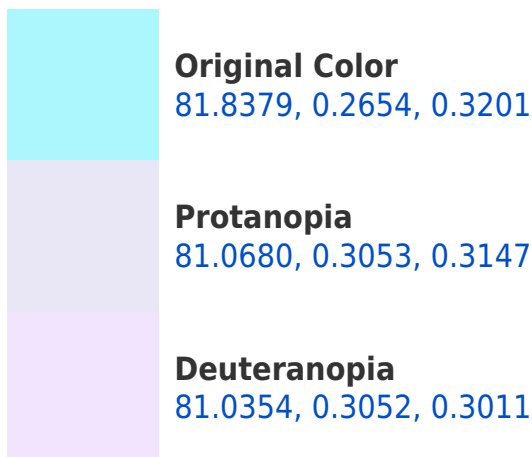


This preview shows how white text looks on a background with the Yxy color 81.8379, 0.2654, 0.3201.

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

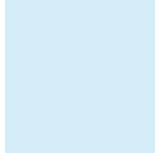
81.5999, 0.2760, 0.3139

Trichromacy



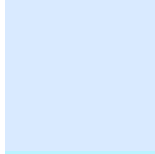
Original Color

81.8379, 0.2654, 0.3201



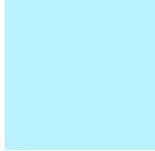
Protanomaly

80.6171, 0.2895, 0.3163



Deuteranomaly

80.8174, 0.2892, 0.3072



Tritanomaly

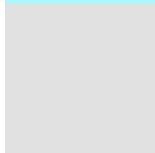
81.7603, 0.2718, 0.3159

Monochromacy



Original Color

81.8379, 0.2654, 0.3201



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.4558, 0.2932, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8379, 0.2654, 0.3201 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(172, 246, 254)` looks like.

```
.text, #text, p{  
    color:rgb(172, 246, 254)  
}
```

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(172, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 246, 254) }
```

Border

The CSS property to change the border of an element to Yxy 81.8379, 0.2654, 0.3201 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(172, 246, 254) }
```

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

```
.border{ border-color:rgb(172, 246, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(172, 246,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8379, 0.2654, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 246, 254) }
```

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

```
.background{ background-color: rgb(172,  
246, 254) }
```

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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