

Converting Colors

$Yxy(80.5582, 0.2782, 0.3167)$

Have a look what the booklet for
Yxy(80.5582, 0.2782, 0.3167)
contains.

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Color

Yxy(80.7545, 0.2781, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	C2F0FB
RGB	194, 240, 251
RGB Percent	76%, 94%, 98%
CMY	0.2391, 0.0588, 0.0158
CMYK	0.23, 0.04, 0.00, 0.02
HSL	192°, 88%, 87%
HSV	192°, 23%, 98%
XYZ	70.8225, 80.7545, 103.0887
YIQ	227.5000, -30.9470, -6.3310

Conversions

Conversions Part 2

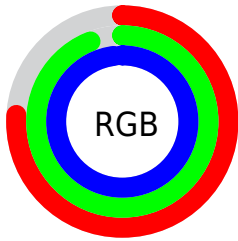
Format	Color
RYB	194, 219, 251
Decimal	12775675
CIELab	92.02, -12.32, -10.14
CIELCh	92, 15.956, 219.465
Yxy	80.7545, 0.2781, 0.3171
Android (android.graphics.Color)	4290965755 (0xFFC2F0FB)
YUV	227.5000, 11.5855, -29.3795
Hunter-Lab	89.8635, -16.5831, -5.1112

Details

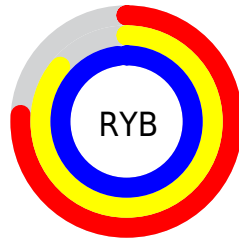
The Yxy color **80.7545, 0.2781, 0.3171** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0613, 0.3570, 0.3406**, and the grayscale version is **77.1351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **43.7101, 0.2699, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **74.9044, 0.2638, 0.3111**, and if you desaturate by 10%, it is **87.2477, 0.2931, 0.3227**.

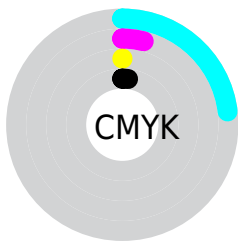
Distribution



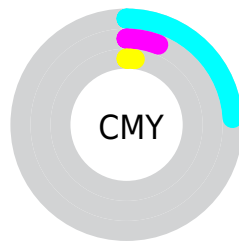
- Red (76%)
- Green (94%)
- Blue (98%)



- Red (76%)
- Yellow (86%)
- Blue (98%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.7545, 0.2781, 0.3171 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 80.7545, 0.2781, 0.3171 by changing the saturation by 10% instead.

80.7545, 0.2781,
0.3171

80.7545, 0.2781,
0.3171

497.4719, 0.2936,
0.3227

60.3394, 0.2747,
0.3158

134.4260, 0.2834,
0.3191

43.6923, 0.2705,
0.3142

168.4512, 0.2855,
0.3198

30.4287, 0.2652,
0.3121

207.7819, 0.2873,
0.3205

20.1642, 0.2585,
0.3094

252.8026, 0.2889,
0.3210

12.5144, 0.2497,
0.3057

303.8975, 0.2903,
0.3215

7.0951, 0.2374,
0.3002

361.4511, 0.2915,

3.5216, 0.2193,

0.3220

0.2917

425.8478, 0.2926,
0.3224

■ 1.4097, 0.1903,
0.2765

■ 0.2239, 0.0000,
0.1903

■ 80.7545, 0.2781,
0.3171

■ 80.7545, 0.2781,
0.3171

■ 74.9044, 0.2638,
0.3111

■ 87.2477, 0.2931,
0.3227

■ 69.6589, 0.2505,
0.3047

■ 94.4008, 0.3085,
0.3277

■ 64.9899, 0.2386,
0.2980

■ 99.4231, 0.3151,
0.3324

■ 60.8634, 0.2284,
0.2911

■ 99.7427, 0.3150,
0.3329

■ 57.2407, 0.2200,
0.2840

■ 54.0777, 0.2136,
0.2769

■ 51.3210, 0.2092,
0.2699

■ 49.5033, 0.2069,
0.2648

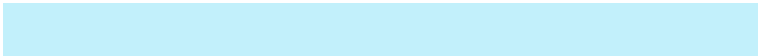
Harmonies

Analogous

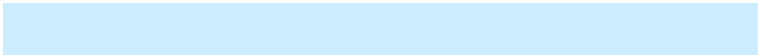
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7545, 0.2865, 0.3341



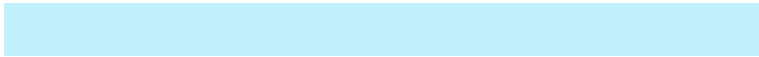
80.7545, 0.2781, 0.3171



80.7545, 0.2787, 0.3040

Triad

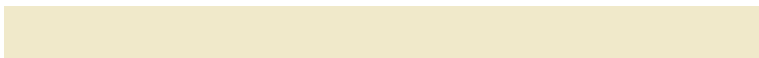
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7545, 0.2781, 0.3171



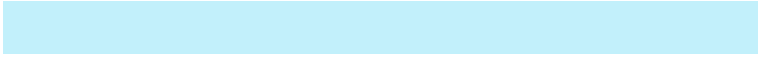
80.7545, 0.3230, 0.3091



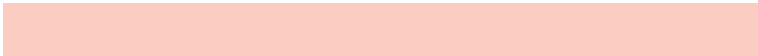
80.7545, 0.3374, 0.3610

Complementary

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



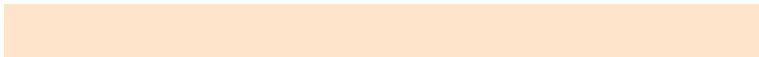
80.7545, 0.2781, 0.3171



68.0613, 0.3570, 0.3406

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.



80.7545, 0.3478, 0.3531



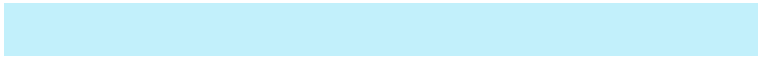
80.7545, 0.2781, 0.3171



80.7545, 0.3395, 0.3232

Square

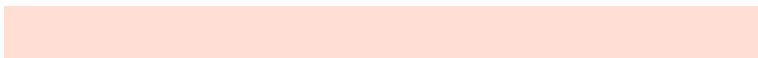
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



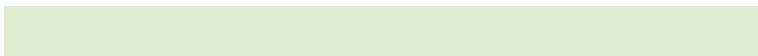
80.7545, 0.2781, 0.3171



80.7545, 0.3042, 0.3000



80.7545, 0.3486, 0.3392



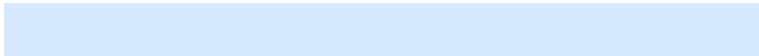
80.7545, 0.3204, 0.3602

Rectangle

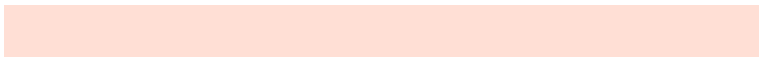
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



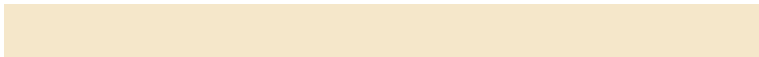
80.7545, 0.2781, 0.3171



80.7545, 0.2841, 0.2991



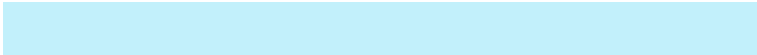
80.7545, 0.3486, 0.3392



80.7545, 0.3418, 0.3592

Sweetspot

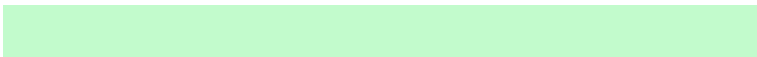
The Sweet Spot groups the original color and five complimentary colors.



80.7578, 0.2781, 0.3171



94.5969, 0.3018, 0.3256



84.8276, 0.3039, 0.3808



20.1514, 0.3009, 0.3253



0.0000, 0.0000, 0.0000



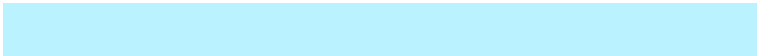
21.4041, 0.3127, 0.3290

Same Dimension

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



80.7578, 0.2781, 0.3171



81.0289, 0.2718, 0.3146



65.5560, 0.2757, 0.2859



19.0071, 0.2980, 0.3243



26.2360, 0.2072, 0.2660



2.5706, 0.2095, 0.2743

Inverse Universe

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



65.3941, 0.3234, 0.2827



62.8364, 0.3258, 0.2736



82.6407, 0.3508, 0.3687



17.4639, 0.3168, 0.3101



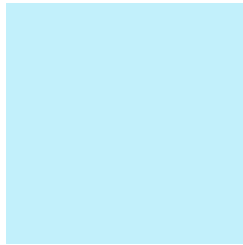
13.0594, 0.3766, 0.1848



1.2237, 0.3687, 0.1805

Previews

White Background



This preview shows how the Yxy color 80.7545, 0.2781, 0.3171 looks on a white background.

Color Contrast Check

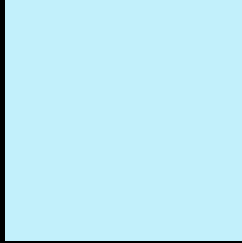
Large Text (above 18pt) WCAG AA × Fail

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 80.7545, 0.2781, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

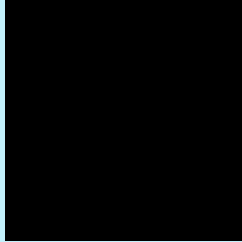
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.7545, 0.2781, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 80.7545, 0.2781, 0.3171.

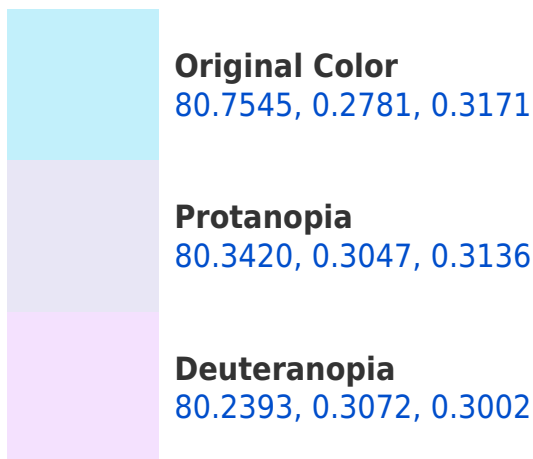


This preview shows how white text looks on a background with the Yxy color 80.7545, 0.2781, 0.3171.

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

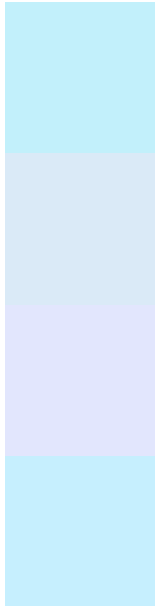




Tritanopia

80.6484, 0.2792, 0.3108

Trichromacy



Original Color

80.7545, 0.2781, 0.3171

Protanomaly

80.4665, 0.2944, 0.3154

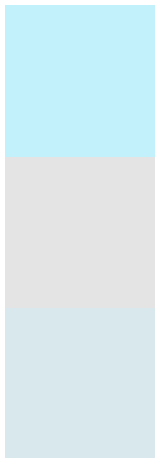
Deuteranomaly

79.8542, 0.2959, 0.3054

Tritanomaly

80.8945, 0.2787, 0.3129

Monochromacy



Original Color

80.7545, 0.2781, 0.3171

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.3683, 0.2996, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7545, 0.2781, 0.3171 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(194, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(194, 240, 251)  
}
```

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(194, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 240, 251) }
```

Border

The CSS property to change the border of an element to Yxy 80.7545, 0.2781, 0.3171 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(194, 240, 251) }
```

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

```
.border{ border-color:rgb(194, 240, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 240, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(194, 240,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7545, 0.2781, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 240, 251) }
```

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

```
.background{ background-color: rgb(194,  
240, 251) }
```

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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