

Converting Colors

Yxy(81.0659, 0.2849, 0.3152)

Have a look what the booklet for
Yxy(81.0659, 0.2849, 0.3152)
contains.

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Color

Yxy(81.2359, 0.2849, 0.3152)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CEEEEFB |
| RGB | 206, 238, 251 |
| RGB Percent | 81%, 93%, 98% |
| CMY | 0.1924, 0.0666, 0.0157 |
| CMYK | 0.18, 0.05, 0.00, 0.02 |
| HSL | 197°, 85%, 90% |
| HSV | 197°, 18%, 98% |
| XYZ | 73.4267, 81.2359, 103.0655 |
| YIQ | 229.9140, -23.2450, -2.7410 |

Conversions

Conversions Part 2

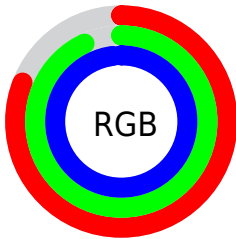
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 206, 225, 251 |
| Decimal | 13561595 |
| CIE Lab | 92.24, -7.75, -9.76 |
| CIE LCh | 92, 12.463, 231.533 |
| Yxy | 81.2359, 0.2849, 0.3152 |
| Android (android.graphics.Color) | 4291751675 (0xFFCCEEFB) |
| YUV | 229.9140, 10.3954, -20.9726 |
| Hunter-Lab | 90.1310, -12.3111, -4.7069 |

Details

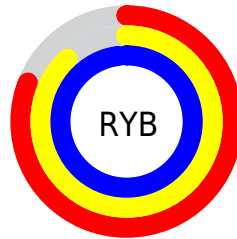
The Yxy color **81.2359, 0.2849, 0.3152** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.5765, 0.3453, 0.3424**, and the grayscale version is **78.9929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9302, 0.2790, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **73.8069, 0.2697, 0.3065**, and if you desaturate by 10%, it is **89.4140, 0.3004, 0.3232**.

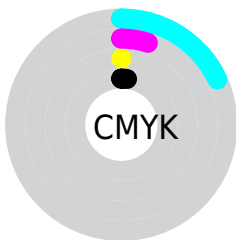
Distribution



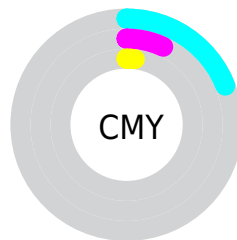
- Red (81%)
- Green (93%)
- Blue (98%)



- Red (81%)
- Yellow (88%)
- Blue (98%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2359, 0.2849, 0.3152 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 81.2359, 0.2849, 0.3152 by changing the saturation by 10% instead.

81.2359, 0.2849,
0.3152

81.2359, 0.2849,
0.3152

499.0882, 0.2974,
0.3216

60.7359, 0.2821,
0.3137

135.1020, 0.2892,
0.3174

44.0121, 0.2787,
0.3120

169.2368, 0.2909,
0.3183

30.6800, 0.2745,
0.3097

208.6854, 0.2923,
0.3190

20.3553, 0.2691,
0.3067

253.8321, 0.2936,
0.3197

12.6536, 0.2619,
0.3027

305.0613, 0.2947,
0.3202

7.1904, 0.2519,
0.2970

362.7575, 0.2957,

3.5815, 0.2370,

0.3207

0.2882

427.3050, 0.2966,
0.3212

■ 1.4423, 0.2129,
0.2729

■ 0.2476, 0.0370,
0.1988

■ 81.2359, 0.2849,
0.3152

■ 81.2359, 0.2849,
0.3152

■ 73.8069, 0.2697,
0.3065

■ 89.4140, 0.3004,
0.3232

■ 67.0877, 0.2551,
0.2970

■ 98.1414, 0.3152,
0.3304

■ 61.0505, 0.2414,
0.2870

■ 99.7443, 0.3150,
0.3328

■ 55.6610, 0.2291,
0.2764

■ 50.8814, 0.2184,
0.2656

■ 46.6692, 0.2097,
0.2545

■ 42.9740, 0.2030,
0.2435

■ 39.7291, 0.1982,
0.2327

■ 39.0991, 0.1974,
0.2305

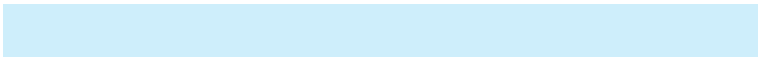
Harmonies

Analogous

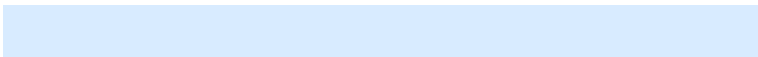
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2359, 0.2888, 0.3276



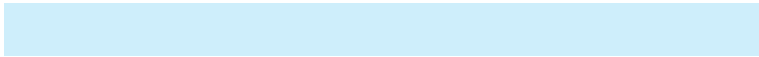
81.2359, 0.2849, 0.3152



81.2359, 0.2883, 0.3069

Triad

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



81.2359, 0.2849, 0.3152



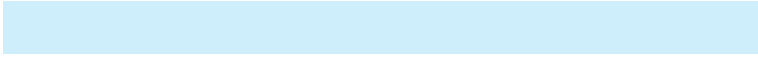
81.2359, 0.3264, 0.3176



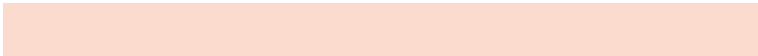
81.2359, 0.3271, 0.3545

Complementary

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



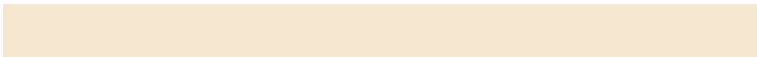
81.2359, 0.2849, 0.3152



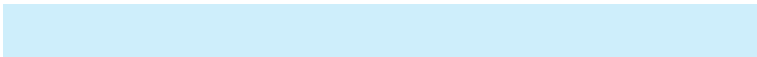
75.5765, 0.3453, 0.3424

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.



81.2359, 0.3376, 0.3510



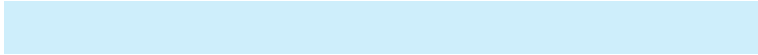
81.2359, 0.2849, 0.3152



81.2359, 0.3372, 0.3296

Square

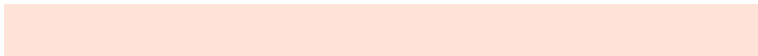
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2359, 0.2849, 0.3152



81.2359, 0.3120, 0.3085



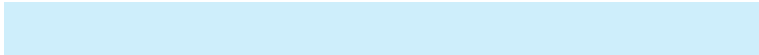
81.2359, 0.3414, 0.3418



81.2359, 0.3129, 0.3508

Rectangle

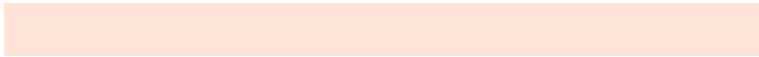
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2359, 0.2849, 0.3152



81.2359, 0.2942, 0.3046



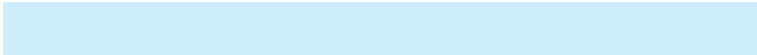
81.2359, 0.3414, 0.3418



81.2359, 0.3312, 0.3541

Sweetspot

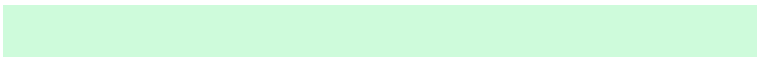
The Sweet Spot groups the original color and five complimentary colors.



81.2392, 0.2849, 0.3152



95.3421, 0.3050, 0.3254



87.1994, 0.3032, 0.3638



20.2705, 0.3039, 0.3249



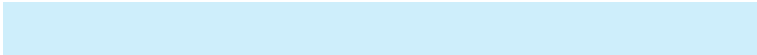
0.0000, 0.0000, 0.0000



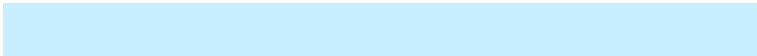
21.4041, 0.3127, 0.3290

Same Dimension

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



81.2392, 0.2849, 0.3152



80.9941, 0.2787, 0.3117



69.0376, 0.2836, 0.2908



18.7148, 0.2980, 0.3220



20.8165, 0.1979, 0.2323



2.1095, 0.2015, 0.2453

Inverse Universe

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



70.7965, 0.3239, 0.2968



68.2840, 0.3269, 0.2892



88.0062, 0.3414, 0.3645



17.4344, 0.3182, 0.3123



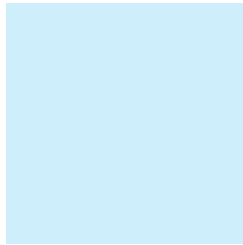
12.5123, 0.4102, 0.2033



1.1772, 0.3970, 0.1961

Previews

White Background



This preview shows how the Yxy color 81.2359, 0.2849, 0.3152 looks on a white background.

Color Contrast Check

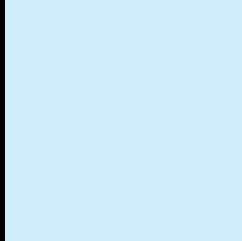
Large Text (above 18pt) WCAG AA × Fail

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 81.2359, 0.2849, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

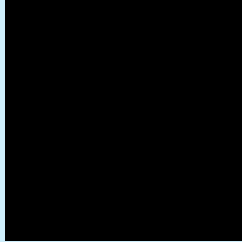
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

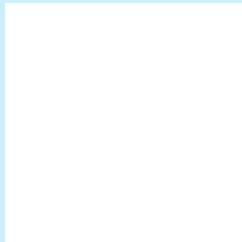
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2359, 0.2849, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 81.2359, 0.2849, 0.3152.

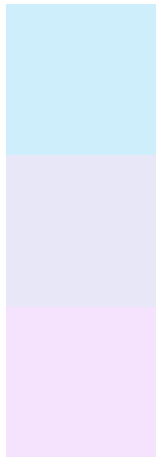


This preview shows how white text looks on a background with the Yxy color 81.2359, 0.2849, 0.3152.

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

81.2359, 0.2849, 0.3152

Protanopia

81.0230, 0.3035, 0.3126

Deuteranopia

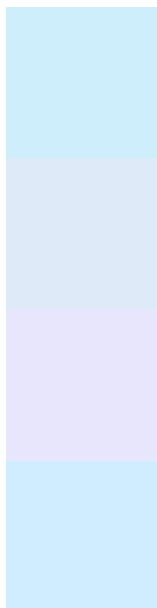
80.8970, 0.3085, 0.3022



Tritanopia

81.1983, 0.2839, 0.3100

Trichromacy



Original Color

81.2359, 0.2849, 0.3152

Protanomaly

81.3109, 0.2970, 0.3145

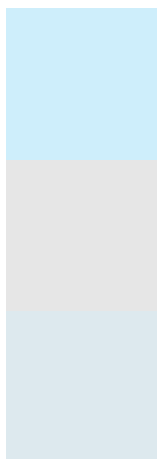
Deuteranomaly

80.6108, 0.2998, 0.3066

Tritanomaly

80.9895, 0.2838, 0.3110

Monochromacy



Original Color

81.2359, 0.2849, 0.3152

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.8230, 0.3017, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2359, 0.2849, 0.3152 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(206, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(206, 238, 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(206, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 238, 251) }
```

Border

The CSS property to change the border of an element to Yxy 81.2359, 0.2849, 0.3152 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(206, 238, 251) }
```

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

```
.border{ border-color:rgb(206, 238, 251) }
```

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

Here you see how a box with a 4 pixel rgb(206, 238, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 238, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 238, 251);  
box-shadow:4px 4px 4px 4px rgb(206, 238,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2359, 0.2849, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 238, 251) }
```

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

```
.background{ background-color: rgb(206,  
238, 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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