

Converting Colors

$Yxy(80.4645, 0.2866, 0.3137)$

Have a look what the booklet for
Yxy(80.4645, 0.2866, 0.3137)
contains.

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Color

Yxy(80.5112, 0.2866, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	D1ECFB
RGB	209, 236, 251
RGB Percent	82%, 93%, 98%
CMY	0.1805, 0.0745, 0.0156
CMYK	0.17, 0.06, 0.00, 0.02
HSL	201°, 84%, 90%
HSV	201°, 17%, 98%
XYZ	73.6969, 80.5112, 102.9340
YIQ	229.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

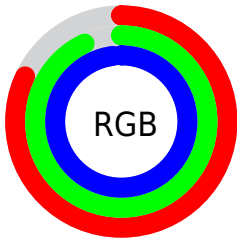
Format	Color
R_{YB}	209, 225, 251
Decimal	13757691
CIE Lab	91.91, -5.80, -10.23
CIE LCh	92, 11.760, 240.455
Yxy	80.5112, 0.2866, 0.3131
Android (android.graphics.Color)	4291947771 (0xFFD1ECFB)
YUV	229.6370, 10.5320, -18.0986
Hunter-Lab	89.7280, -10.4154, -5.2065

Details

The Yxy color **80.5112, 0.2866, 0.3131** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.4095, 0.3423, 0.3444**, and the grayscale version is **78.7794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.4076, 0.2811, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **72.1085, 0.2710, 0.3023**, and if you desaturate by 10%, it is **89.7560, 0.3023, 0.3229**.

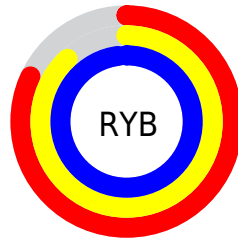
Distribution



Red (82%)

Green (93%)

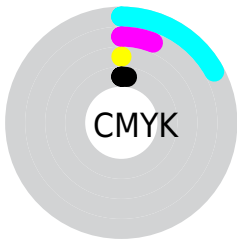
Blue (98%)



Red (82%)

Yellow (88%)

Blue (98%)

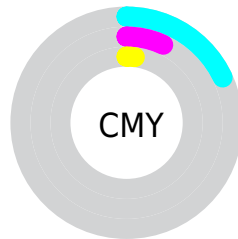


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (7%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.5112, 0.2866, 0.3131 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 80.5112, 0.2866, 0.3131 by changing the saturation by 10% instead.

80.5112, 0.2866,
0.3131

80.5112, 0.2866,
0.3131

496.6539, 0.2984,
0.3204

60.1391, 0.2840,
0.3114

134.0842, 0.2906,
0.3156

43.5308, 0.2808,
0.3094

168.0539, 0.2922,
0.3166

30.3018, 0.2768,
0.3068

207.3250, 0.2936,
0.3175

20.0678, 0.2717,
0.3035

252.2817, 0.2948,
0.3182

12.4443, 0.2648,
0.2990

303.3086, 0.2958,
0.3189

7.0470, 0.2553,
0.2926

360.7900, 0.2968,

3.4915, 0.2411,

0.3194

0.2827

425.1103, 0.2976,
0.3200

■ 1.3934, 0.2179,
0.2659

■ 0.2119, 0.0491,
0.1740

■ 80.5112, 0.2866,
0.3131

■ 80.5112, 0.2866,
0.3131

■ 72.1085, 0.2710,
0.3023

■ 89.7560, 0.3023,
0.3229

■ 64.5072, 0.2557,
0.2906

■ 99.0621, 0.3151,
0.3318

■ 57.6777, 0.2411,
0.2780

■ 99.7460, 0.3150,
0.3328

■ 51.5843, 0.2277,
0.2647

■ 46.1879, 0.2158,
0.2510

■ 41.4442, 0.2058,
0.2371

■ 37.3023, 0.1978,
0.2232

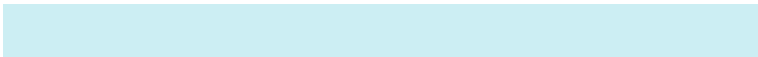
■ 33.6986, 0.1920,
0.2097

■ 32.6134, 0.1904,
0.2053

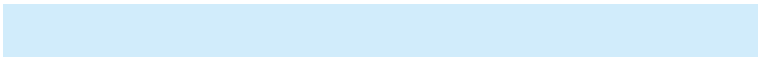
Harmonies

Analogous

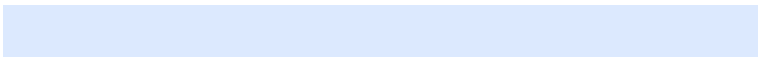
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5112, 0.2882, 0.3240



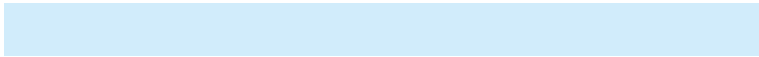
80.5112, 0.2866, 0.3131



80.5112, 0.2918, 0.3068

Triad

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



80.5112, 0.2866, 0.3131



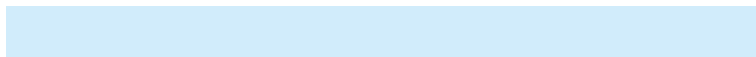
80.5112, 0.3292, 0.3214



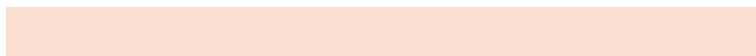
80.5112, 0.3226, 0.3528

Complementary

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



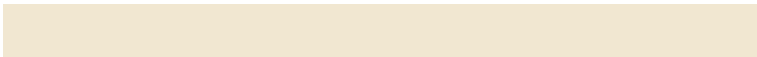
80.5112, 0.2866, 0.3131



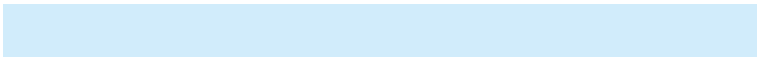
78.4095, 0.3423, 0.3444

Split Complementary

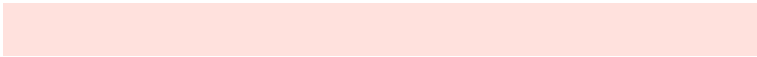
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5112, 0.3339, 0.3515



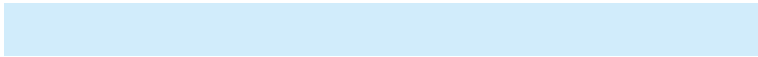
80.5112, 0.2866, 0.3131



80.5112, 0.3378, 0.3332

Square

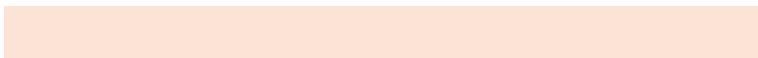
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5112, 0.2866, 0.3131



80.5112, 0.3162, 0.3117



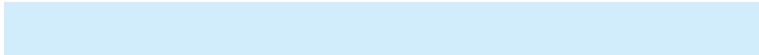
80.5112, 0.3395, 0.3442



80.5112, 0.3088, 0.3473

Rectangle

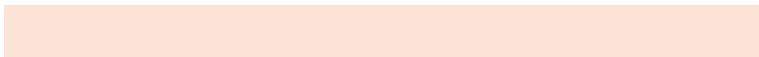
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.5112, 0.2866, 0.3131



80.5112, 0.2985, 0.3058



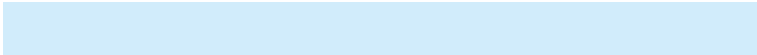
80.5112, 0.3395, 0.3442



80.5112, 0.3268, 0.3531

Sweetspot

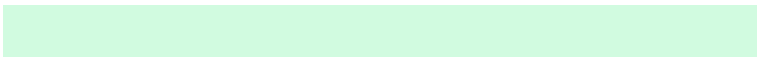
The Sweet Spot groups the original color and five complimentary colors.



80.5145, 0.2866, 0.3131



94.7931, 0.3050, 0.3245



87.9191, 0.3023, 0.3582



20.1369, 0.3039, 0.3239



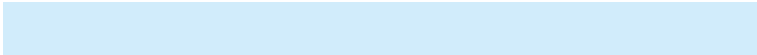
0.0000, 0.0000, 0.0000



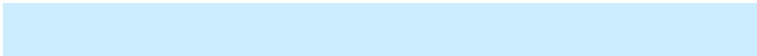
21.4041, 0.3127, 0.3290

Same Dimension

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



80.5145, 0.2866, 0.3131



80.5115, 0.2815, 0.3097



69.2576, 0.2855, 0.2905



18.5056, 0.2980, 0.3203



17.4259, 0.1910, 0.2076



1.8141, 0.1955, 0.2237

Inverse Universe

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



72.1540, 0.3251, 0.3018



70.5486, 0.3280, 0.2963



90.2422, 0.3390, 0.3648



17.4133, 0.3193, 0.3139



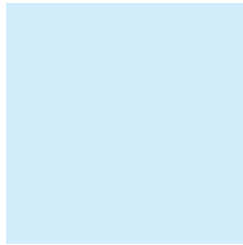
12.1701, 0.4368, 0.2180



1.1474, 0.4193, 0.2083

Previews

White Background



This preview shows how the Yxy color 80.5112, 0.2866, 0.3131 looks on a white background.

Color Contrast Check

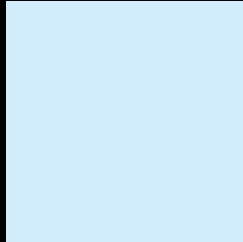
Large Text (above 18pt) WCAG AA × Fail

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 80.5112, 0.2866, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

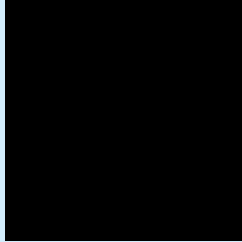
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

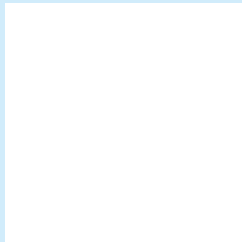
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.5112, 0.2866, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 80.5112, 0.2866, 0.3131.

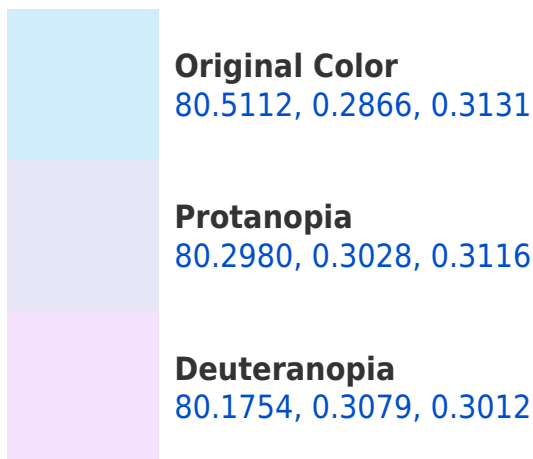


This preview shows how white text looks on a background with the Yxy color 80.5112, 0.2866, 0.3131.

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

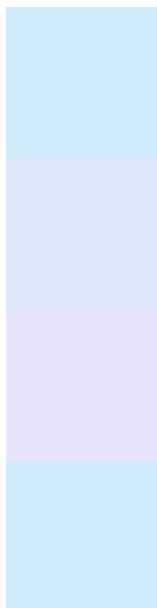




Tritanopia

80.2741, 0.2855, 0.3090

Trichromacy



Original Color

80.5112, 0.2866, 0.3131

Protanomaly

80.1785, 0.2970, 0.3124

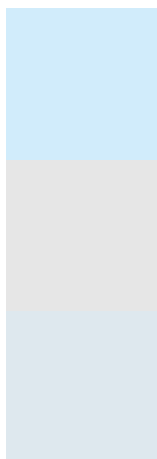
Deuteranomaly

80.0558, 0.2998, 0.3055

Tritanomaly

80.2101, 0.2861, 0.3100

Monochromacy



Original Color

80.5112, 0.2866, 0.3131

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.4159, 0.3023, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.5112, 0.2866, 0.3131 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(209, 236, 251)` looks like.

```
.text, #text, p{  
    color:rgb(209, 236, 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(209, 236, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 236, 251) }
```

Border

The CSS property to change the border of an element to Yxy 80.5112, 0.2866, 0.3131 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(209, 236, 251) }
```

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

```
.border{ border-color:rgb(209, 236, 251) }
```

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

Here you see how a box with a 4 pixel rgb(209, 236, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 236, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 236, 251);  
box-shadow:4px 4px 4px 4px rgb(209, 236,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 80.5112, 0.2866, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 236, 251) }
```

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

```
.background{ background-color: rgb(209,  
236, 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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