

Converting Colors

Yxy(80.7322, 0.2864, 0.3105)

Have a look what the booklet for
Yxy(80.7322, 0.2864, 0.3105)
contains.

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Color

Yxy(80.9316, 0.2867, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	D3ECFD
RGB	211, 236, 253
RGB Percent	83%, 93%, 99%
CMY	0.1727, 0.0745, 0.0078
CMYK	0.17, 0.07, 0.00, 0.01
HSL	204°, 91%, 91%
HSV	204°, 17%, 99%
XYZ	74.5840, 80.9316, 104.6310
YIQ	230.4630, -20.3570, -0.0130

Conversions

Conversions Part 2

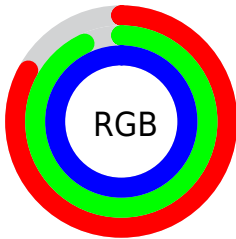
Format	Color
R _Y B	211, 227, 253
Decimal	13888765
CIE Lab	92.10, -4.77, -10.98
CIE LCh	92, 11.972, 246.513
Yxy	80.9316, 0.2867, 0.3111
Android (android.graphics.Color)	4292078845 (0xFFD3E CFD)
YUV	230.4630, 11.1107, -17.0691
Hunter-Lab	89.9620, -9.4460, -5.9843

Details

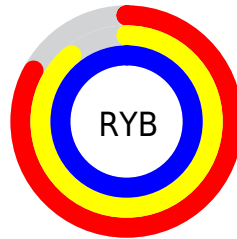
The Yxy color **80.9316, 0.2867, 0.3111** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.0602, 0.3417, 0.3463**, and the grayscale version is **79.4178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.6960, 0.2812, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **71.7631, 0.2708, 0.2988**, and if you desaturate by 10%, it is **91.0325, 0.3025, 0.3223**.

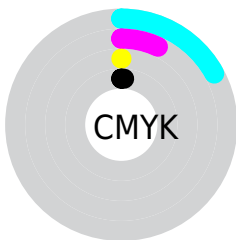
Distribution



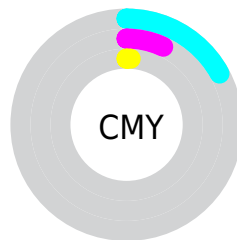
- Red (83%)
- Green (93%)
- Blue (99%)



- Red (83%)
- Yellow (89%)
- Blue (99%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (17%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.9316, 0.2867, 0.3111 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 80.9316, 0.2867, 0.3111 by changing the saturation by 10% instead.

80.9316, 0.2867,
0.3111

80.9316, 0.2867,
0.3111

498.0669, 0.2984,
0.3193

60.4853, 0.2841,
0.3093

134.6747, 0.2907,
0.3139

43.8099, 0.2809,
0.3070

168.7403, 0.2923,
0.3150

30.5211, 0.2769,
0.3041

208.1144, 0.2936,
0.3160

20.2344, 0.2718,
0.3004

253.1815, 0.2948,
0.3168

12.5656, 0.2651,
0.2954

304.3258, 0.2959,
0.3175

7.1301, 0.2556,
0.2884

361.9319, 0.2968,

3.5436, 0.2416,

0.3182

0.2777

426.3841, 0.2977,
0.3188

■ 1.4217, 0.2187,
0.2596

■ 0.2326, 0.0770,
0.1711

■ 80.9316, 0.2867,
0.3111

■ 80.9316, 0.2867,
0.3111

■ 71.7631, 0.2708,
0.2988

■ 91.0325, 0.3025,
0.3223

■ 63.4839, 0.2551,
0.2854

99.8729, 0.3139,
0.3309

■ 56.0620, 0.2400,
0.2710

■ 49.4592, 0.2259,
0.2559

■ 43.6335, 0.2132,
0.2401

■ 38.5381, 0.2025,
0.2242

■ 34.1187, 0.1938,
0.2084

■ 30.3089, 0.1874,
0.1931

■ 29.1262, 0.1856,
0.1880

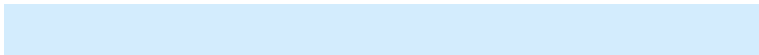
Harmonies

Analogous

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



80.9316, 0.2870, 0.3214



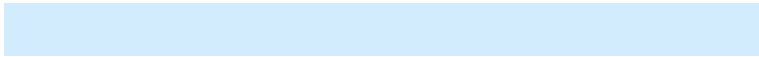
80.9316, 0.2867, 0.3111



80.9316, 0.2932, 0.3058

Triad

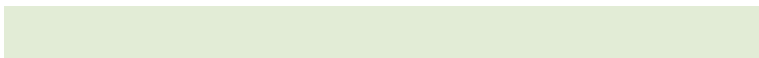
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9316, 0.2867, 0.3111



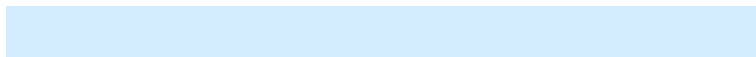
80.9316, 0.3317, 0.3236



80.9316, 0.3200, 0.3526

Complementary

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



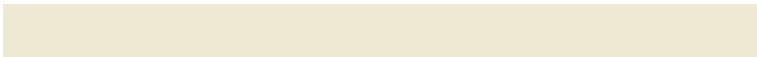
80.9316, 0.2867, 0.3111



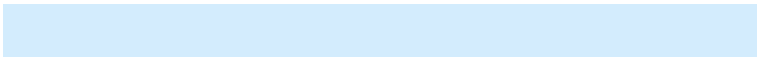
81.0602, 0.3417, 0.3463

Split Complementary

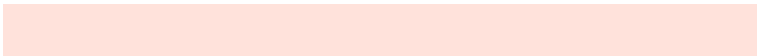
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9316, 0.3323, 0.3527



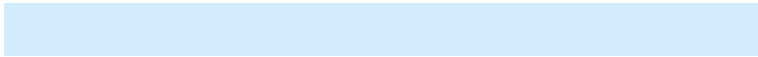
80.9316, 0.2867, 0.3111



80.9316, 0.3392, 0.3357

Square

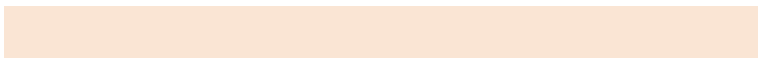
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9316, 0.2867, 0.3111



80.9316, 0.3191, 0.3131



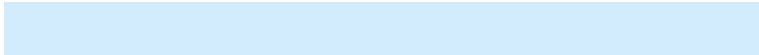
80.9316, 0.3394, 0.3463



80.9316, 0.3059, 0.3458

Rectangle

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



80.9316, 0.2867, 0.3111



80.9316, 0.3007, 0.3057



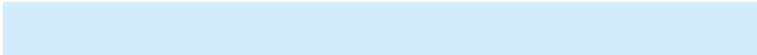
80.9316, 0.3394, 0.3463



80.9316, 0.3245, 0.3534

Sweetspot

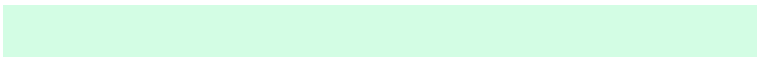
The Sweet Spot groups the original color and five complimentary colors.



80.9349, 0.2867, 0.3111



94.4155, 0.3050, 0.3239



89.6949, 0.3012, 0.3556



20.0450, 0.3039, 0.3232



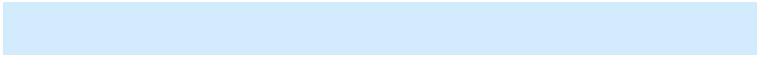
0.0000, 0.0000, 0.0000



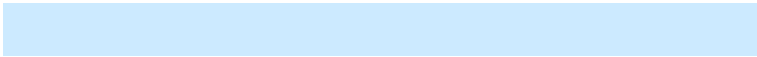
21.4041, 0.3127, 0.3290

Same Dimension

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



80.9349, 0.2867, 0.3111



79.1163, 0.2813, 0.3071



69.6274, 0.2857, 0.2885



19.1769, 0.2979, 0.3191



15.7854, 0.1862, 0.1904



1.7515, 0.1911, 0.2078

Inverse Universe

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



73.5162, 0.3264, 0.3040



70.4078, 0.3297, 0.2986



93.2222, 0.3384, 0.3665



18.1687, 0.3200, 0.3149



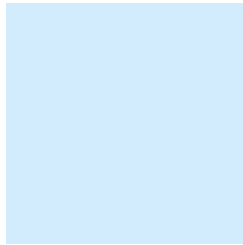
12.3215, 0.4562, 0.2287



1.2214, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 80.9316, 0.2867, 0.3111 looks on a white background.

Color Contrast Check

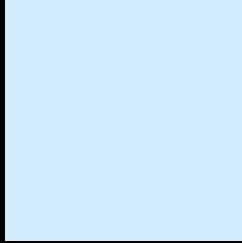
Large Text (above 18pt) WCAG AA × Fail

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 80.9316, 0.2867, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

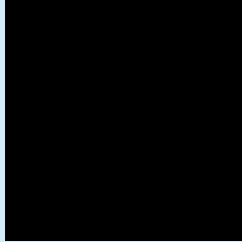
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

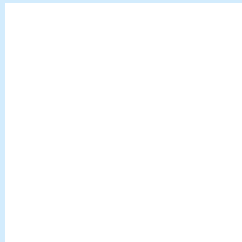
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.9316, 0.2867, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 80.9316, 0.2867, 0.3111.

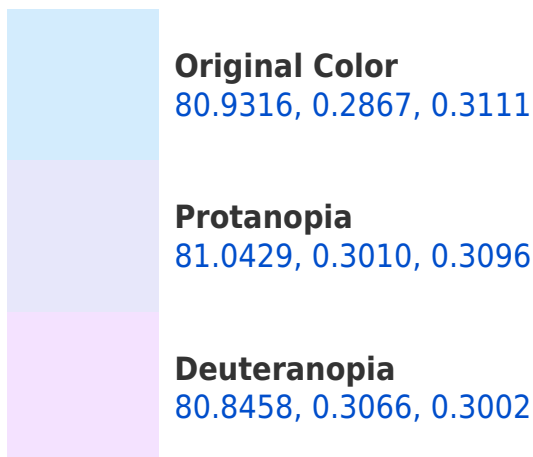


This preview shows how white text looks on a background with the Yxy color 80.9316, 0.2867, 0.3111.

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

81.0598, 0.2856, 0.3091

Trichromacy



Original Color

80.9316, 0.2867, 0.3111

Protanomaly

81.0902, 0.2959, 0.3104

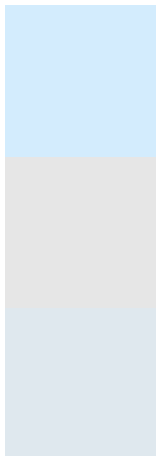
Deuteranomaly

80.9052, 0.2992, 0.3047

Tritanomaly

80.9955, 0.2862, 0.3101

Monochromacy



Original Color

80.9316, 0.2867, 0.3111

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.5742, 0.3030, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9316, 0.2867, 0.3111 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(211, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(211, 236, 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(211, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 253) }
```

Border

The CSS property to change the border of an element to Yxy 80.9316, 0.2867, 0.3111 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(211, 236, 253) }
```

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

```
.border{ border-color:rgb(211, 236, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 236, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 236, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 236, 253);  
box-shadow:4px 4px 4px 4px rgb(211, 236,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9316, 0.2867, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 253) }
```

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

```
.background{ background-color: rgb(211,  
236, 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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