

Converting Colors

$Yxy(79.4635, 0.2817, 0.3076)$

Have a look what the booklet for
Yxy(79.4635, 0.2817, 0.3076)
contains.

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Color

Yxy(79.6158, 0.2819, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	CDEBFF
RGB	205, 235, 255
RGB Percent	80%, 92%, 100%
CMY	0.1964, 0.0783, 0.0000
CMYK	0.20, 0.08, 0.00, 0.00
HSL	204°, 100%, 90%
HSV	204°, 20%, 100%
XYZ	72.9165, 79.6158, 106.1285
YIQ	228.3100, -24.3000, -0.1400

Conversions

Conversions Part 2

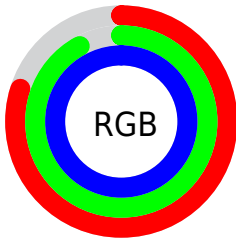
Format	Color
R _Y B	205, 224, 255
Decimal	13495295
CIE Lab	91.51, -5.70, -12.93
CIE LCh	92, 14.132, 246.232
Yxy	79.6158, 0.2819, 0.3078
Android (android.graphics.Color)	4291685375 (0xFFCDEBFF)
YUV	228.3100, 13.1582, -20.4429
Hunter-Lab	89.2277, -10.2790, -8.0609

Details

The Yxy color **79.6158, 0.2819, 0.3078** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.4509, 0.3479, 0.3493**, and the grayscale version is **77.7285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8014, 0.2752, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **70.6275, 0.2661, 0.2953**, and if you desaturate by 10%, it is **89.5342, 0.2977, 0.3191**.

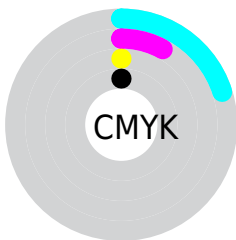
Distribution



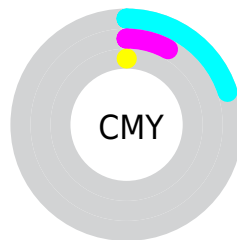
- Red (80%)
- Green (92%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6158, 0.2819, 0.3078 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 79.6158, 0.2819, 0.3078 by changing the saturation by 10% instead.

■ 79.6158, 0.2819,
0.3078

■ 79.6158, 0.2819,
0.3078

493.6371, 0.2958,
0.3175

■ 59.4022, 0.2788,
0.3056

132.8254, 0.2867,
0.3112

■ 42.9370, 0.2750,
0.3029

166.5903, 0.2885,
0.3125

■ 29.8357, 0.2703,
0.2995

205.6411, 0.2901,
0.3136

■ 19.7139, 0.2643,
0.2950

250.3621, 0.2916,
0.3146

■ 12.1873, 0.2563,
0.2891

301.1379, 0.2928,
0.3155

■ 6.8713, 0.2451,
0.2806

358.3527, 0.2939,

■ 3.3818, 0.2285,

0.3162

0.2677

422.3910, 0.2949,
0.3169

■ 1.3341, 0.2018,
0.2460

■ 0.1674, 0.0157,
0.1309

■ 79.6158, 0.2819,
0.3078

■ 79.6158, 0.2819,
0.3078

■ 70.6275, 0.2661,
0.2953

■ 89.5342, 0.2977,
0.3191

■ 62.5256, 0.2505,
0.2818

99.9998, 0.3127,
0.3290

■ 55.2766, 0.2357,
0.2674

■ 48.8409, 0.2221,
0.2523

■ 43.1745, 0.2101,
0.2367

■ 38.2280, 0.2000,
0.2210

■ 33.9435, 0.1921,
0.2055

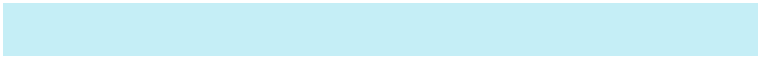
■ 30.2334, 0.1863,
0.1905

■ 30.1074, 0.1861,
0.1900

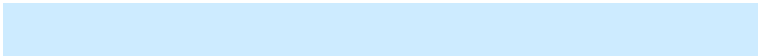
Harmonies

Analogous

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



79.6158, 0.2823, 0.3200



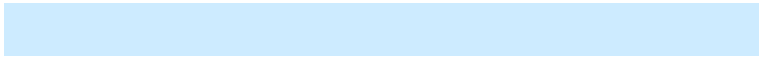
79.6158, 0.2819, 0.3078



79.6158, 0.2895, 0.3016

Triad

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



79.6158, 0.2819, 0.3078



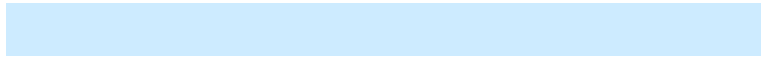
79.6158, 0.3352, 0.3224



79.6158, 0.3214, 0.3571

Complementary

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



79.6158, 0.2819, 0.3078



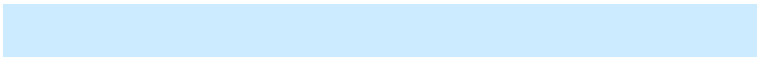
79.4509, 0.3479, 0.3493

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.



79.6158, 0.3360, 0.3571



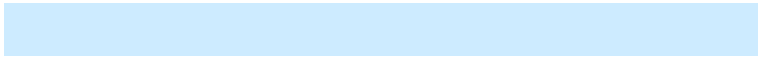
79.6158, 0.2819, 0.3078



79.6158, 0.3442, 0.3366

Square

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



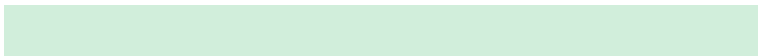
79.6158, 0.2819, 0.3078



79.6158, 0.3201, 0.3101



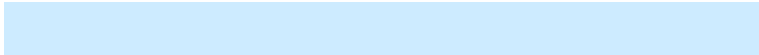
79.6158, 0.3444, 0.3494



79.6158, 0.3048, 0.3491

Rectangle

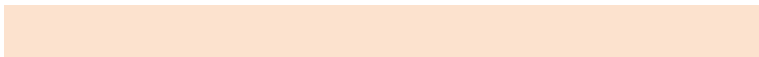
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6158, 0.2819, 0.3078



79.6158, 0.2983, 0.3015



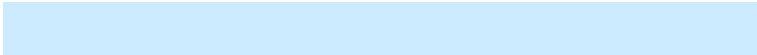
79.6158, 0.3444, 0.3494



79.6158, 0.3267, 0.3580

Sweetspot

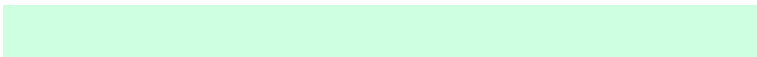
The Sweet Spot groups the original color and five complimentary colors.



79.6191, 0.2819, 0.3078



93.3819, 0.3034, 0.3230



89.8732, 0.2996, 0.3620



19.8379, 0.3024, 0.3223



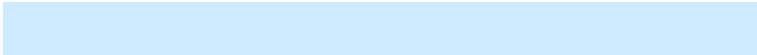
0.0000, 0.0000, 0.0000



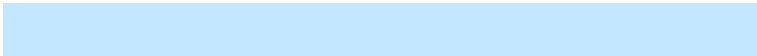
21.4041, 0.3127, 0.3290

Same Dimension

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



79.6191, 0.2819, 0.3078



75.5896, 0.2750, 0.3025



66.6547, 0.2803, 0.2812



19.1948, 0.2979, 0.3193



16.0322, 0.1868, 0.1925



1.7748, 0.1916, 0.2096

Inverse Universe

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



70.8808, 0.3292, 0.2989



65.5014, 0.3336, 0.2920



93.5100, 0.3435, 0.3727



18.1705, 0.3200, 0.3148



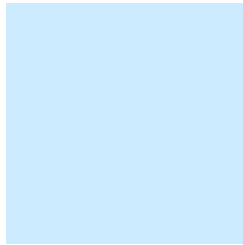
12.3464, 0.4539, 0.2274



1.2237, 0.4345, 0.2167

Previews

White Background



This preview shows how the Yxy color 79.6158, 0.2819, 0.3078 looks on a white background.

Color Contrast Check

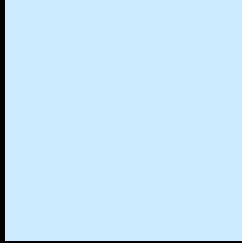
Large Text (above 18pt) WCAG AA × Fail

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 79.6158, 0.2819, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

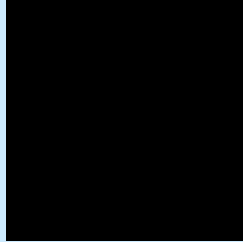
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

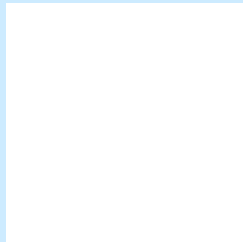
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6158, 0.2819, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 79.6158, 0.2819, 0.3078.

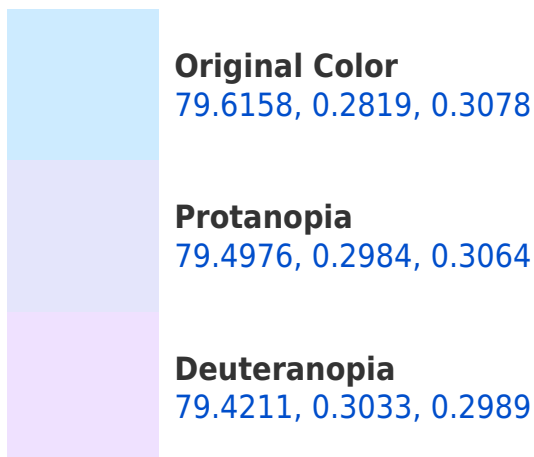


This preview shows how white text looks on a background with the Yxy color 79.6158, 0.2819, 0.3078.

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

79.5516, 0.2825, 0.3088

Trichromacy



Original Color

79.6158, 0.2819, 0.3078

Protanomaly

79.3957, 0.2927, 0.3072

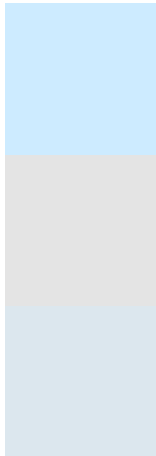
Deuteranomaly

79.5895, 0.2954, 0.3024

Tritanomaly

79.5516, 0.2825, 0.3088

Monochromacy



Original Color

79.6158, 0.2819, 0.3078

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.5405, 0.3010, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6158, 0.2819, 0.3078 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(205, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 235, 255)  
}
```

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(205, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 235, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.6158, 0.2819, 0.3078 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(205, 235, 255) }
```

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

```
.border{ border-color:rgb(205, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 235,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6158, 0.2819, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 235, 255) }
```

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

```
.background{ background-color: rgb(205,  
235, 255) }
```

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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