

Converting Colors

Yxy(85.5214, 0.2447, 0.2393)

Have a look what the booklet for
Yxy(85.5214, 0.2447, 0.2393)
contains.

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Color

Yxy(79.3332, 0.2808, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBEBFF</code>
RGB	<code>203, 235, 255</code>
RGB Percent	<code>80%, 92%, 100%</code>
CMY	<code>0.2037, 0.0785, 0.0000</code>
CMYK	<code>0.20, 0.08, 0.00, 0.00</code>
HSL	<code>203°, 100%, 90%</code>
HSV	<code>203°, 20%, 100%</code>
XYZ	<code>72.3977, 79.3332, 106.0956</code>
YIQ	<code>227.7120, -25.4920, -0.5640</code>

Conversions

Conversions Part 2

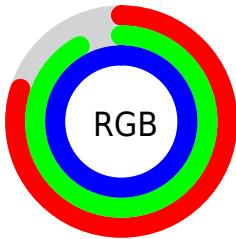
Format	Color
RYB	203, 223, 255
Decimal	13364223
CIELab	91.38, -6.23, -13.13
CIElCh	91, 14.537, 244.603
Yxy	79.3332, 0.2808, 0.3077
Android (android.graphics.Color)	4291554303 (0xFFCBEFFF)
YUV	227.7120, 13.4530, -21.6724
Hunter-Lab	89.0692, -10.7818, -8.2754

Details

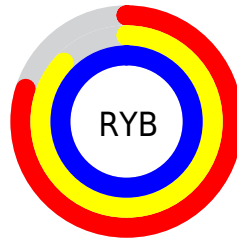
The Yxy color **79.3332, 0.2808, 0.3077** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3815, 0.3496, 0.3494**, and the grayscale version is **77.2846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6133, 0.2737, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **70.5757, 0.2651, 0.2956**, and if you desaturate by 10%, it is **88.9965, 0.2966, 0.3187**.

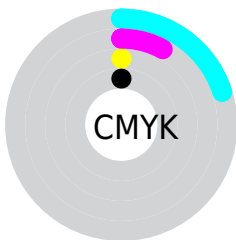
Distribution



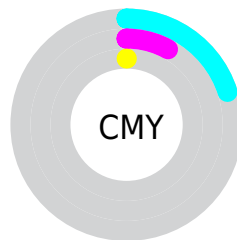
- Red (80%)
- Green (92%)
- Blue (100%)



- Red (80%)
- Yellow (87%)
- 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 79.3332, 0.2808, 0.3077 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 79.3332, 0.2808, 0.3077 by changing the saturation by 10% instead.

■ 79.3332, 0.2808,
0.3077

■ 79.3332, 0.2808,
0.3077

492.6828, 0.2952,
0.3175

■ 59.1698, 0.2776,
0.3055

132.4278, 0.2857,
0.3111

■ 42.7498, 0.2737,
0.3027

166.1279, 0.2877,
0.3124

■ 29.6889, 0.2688,
0.2993

205.1089, 0.2893,
0.3136

■ 19.6026, 0.2626,
0.2948

249.7553, 0.2908,
0.3145

■ 12.1065, 0.2542,
0.2888

300.4515, 0.2921,
0.3154

■ 6.8162, 0.2427,
0.2802

357.5819, 0.2932,

■ 3.3474, 0.2256,

0.3162

0.2671

421.5309, 0.2943,
0.3169

■ 1.3157, 0.1979,
0.2450

■ 0.1533, 0.0000,
0.1233

■ 79.3332, 0.2808,
0.3077

■ 79.3332, 0.2808,
0.3077

■ 70.5757, 0.2651,
0.2956

■ 88.9965, 0.2966,
0.3187

■ 62.6805, 0.2497,
0.2825

99.5875, 0.3122,
0.3287

■ 55.6146, 0.2352,
0.2686

99.9994, 0.3127,
0.3290

■ 49.3387, 0.2218,
0.2539

■ 43.8091, 0.2101,
0.2389

■ 38.9766, 0.2004,
0.2238

■ 34.7831, 0.1929,
0.2089

■ 31.2606, 0.1875,
0.1949

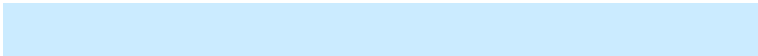
Harmonies

Analogous

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



79.3332, 0.2816, 0.3205



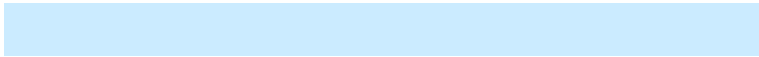
79.3332, 0.2808, 0.3077



79.3332, 0.2882, 0.3010

Triad

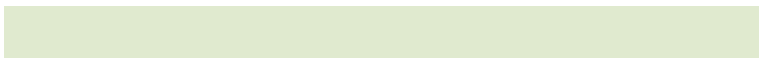
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3332, 0.2808, 0.3077



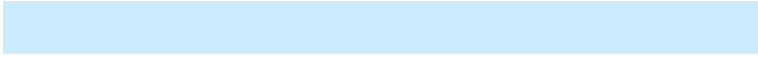
79.3332, 0.3351, 0.3214



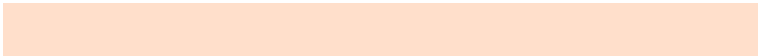
79.3332, 0.3226, 0.3582

Complementary

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



79.3332, 0.2808, 0.3077



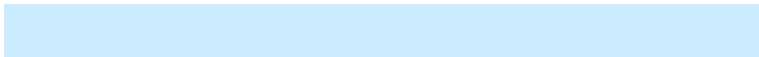
78.3815, 0.3496, 0.3494

Split Complementary

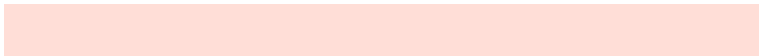
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3332, 0.3374, 0.3577



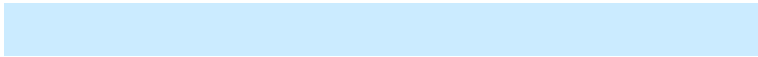
79.3332, 0.2808, 0.3077



79.3332, 0.3448, 0.3361

Square

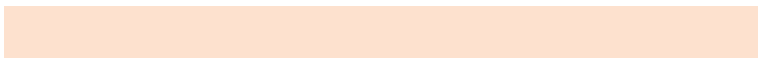
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3332, 0.2808, 0.3077



79.3332, 0.3194, 0.3090



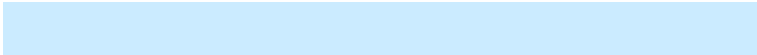
79.3332, 0.3456, 0.3493



79.3332, 0.3054, 0.3503

Rectangle

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



79.3332, 0.2808, 0.3077



79.3332, 0.2970, 0.3005



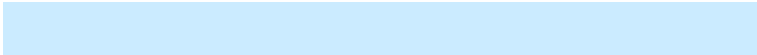
79.3332, 0.3456, 0.3493



79.3332, 0.3280, 0.3590

Sweetspot

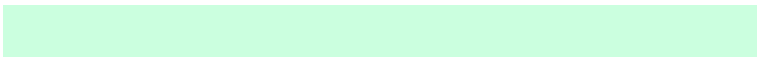
The Sweet Spot groups the original color and five complimentary colors.



79.3364, 0.2808, 0.3077



93.5106, 0.3034, 0.3232



89.5453, 0.2991, 0.3633



19.8683, 0.3024, 0.3225



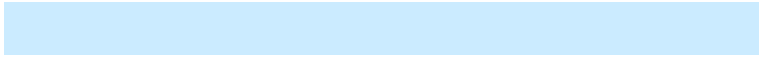
0.0000, 0.0000, 0.0000



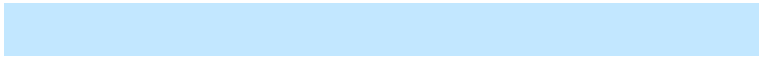
21.4041, 0.3127, 0.3290

Same Dimension

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



79.3364, 0.2808, 0.3077



76.0556, 0.2751, 0.3034



65.5850, 0.2789, 0.2792



19.2376, 0.2979, 0.3196



16.6338, 0.1882, 0.1973



1.8314, 0.1928, 0.2139

Inverse Universe

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



69.9974, 0.3294, 0.2971



65.5484, 0.3330, 0.2911



93.2826, 0.3446, 0.3744



18.1748, 0.3197, 0.3145



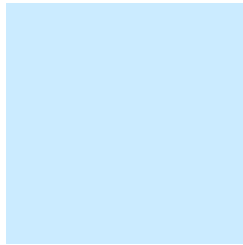
12.4072, 0.4483, 0.2243



1.2294, 0.4298, 0.2141

Previews

White Background



This preview shows how the Yxy color 79.3332, 0.2808, 0.3077 looks on a white background.

Color Contrast Check

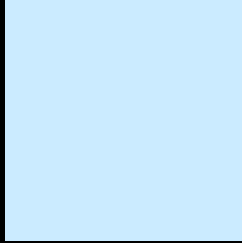
Large Text (above 18pt) WCAG AA × Fail

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 79.3332, 0.2808, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

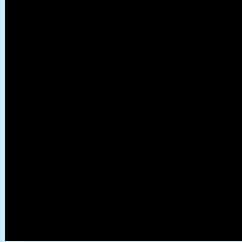
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

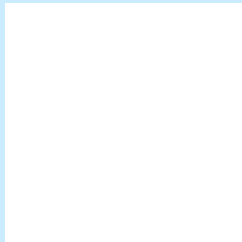
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3332, 0.2808, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 79.3332, 0.2808, 0.3077.



This preview shows how white text looks on a background with the Yxy color 79.3332, 0.2808, 0.3077.

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

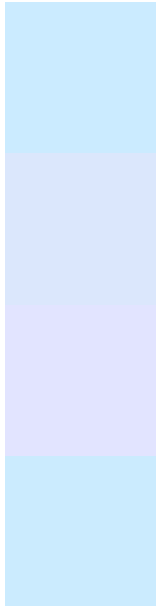




Tritanopia

79.2689, 0.2813, 0.3087

Trichromacy



Original Color

79.3332, 0.2808, 0.3077

Protanomaly

79.2402, 0.2921, 0.3071

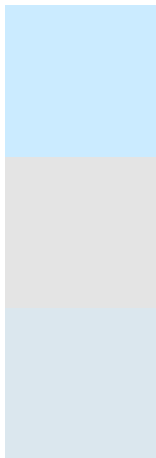
Deuteranomaly

78.8756, 0.2947, 0.3013

Tritanomaly

79.2689, 0.2813, 0.3087

Monochromacy



Original Color

79.3332, 0.2808, 0.3077

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.3849, 0.3004, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3332, 0.2808, 0.3077 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(203, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.3332, 0.2808, 0.3077 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(203, 235, 255) }
```

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

```
.border{ border-color:rgb(203, 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(203, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3332, 0.2808, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 255) }
```

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

```
.background{ background-color: rgb(203,  
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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