

Converting Colors

$Y_{xy}(79.2565, 0.2757, 0.3096)$

Have a look what the booklet for
Yxy(79.2565, 0.2757, 0.3096)
contains.

Yxy(79.2577, 0.2757, 0.3096)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.2577, 0.2757, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	C2EDFF
RGB	194, 237, 255
RGB Percent	76%, 93%, 100%
CMY	0.2392, 0.0706, 0.0001
CMYK	0.24, 0.07, 0.00, 0.00
HSL	198°, 100%, 88%
HSV	198°, 24%, 100%
XYZ	70.5793, 79.2577, 106.1633
YIQ	226.1950, -31.4060, -3.5180

Conversions

Conversions Part 2

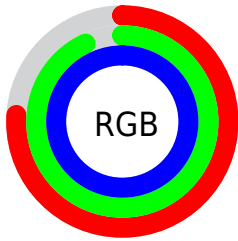
Format	Color
RYB	194, 219, 255
Decimal	12774911
CIELab	91.35, -9.94, -13.23
CIELCh	91, 16.553, 233.079
Yxy	79.2577, 0.2757, 0.3096
Android (android.graphics.Color)	4290964991 (0xFFC2EDFF)
YUV	226.1950, 14.2009, -28.2350
Hunter-Lab	89.0268, -14.2844, -8.3838

Details

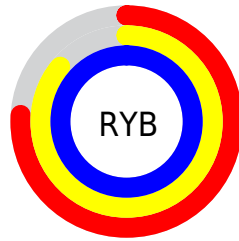
The Yxy color **79.2577, 0.2757, 0.3096** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.2238, 0.3586, 0.3476**, and the grayscale version is **76.1156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **42.6139, 0.2675, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **71.9110, 0.2607, 0.3002**, and if you desaturate by 10%, it is **87.3720, 0.2911, 0.3183**.

Distribution



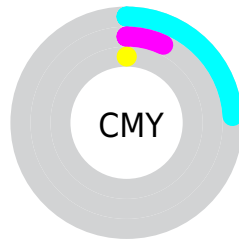
- Red (76%)
- Green (93%)
- Blue (100%)



- Red (76%)
- Yellow (86%)
- Blue (100%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2577, 0.2757, 0.3096 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 79.2577, 0.2757, 0.3096 by changing the saturation by 10% instead.

■ 79.2577, 0.2757,
0.3096

■ 79.2577, 0.2757,
0.3096

■ 492.4277, 0.2924,
0.3186

■ 59.1077, 0.2720,
0.3075

■ 132.3216, 0.2814,
0.3127

■ 42.6998, 0.2675,
0.3050

■ 166.0043, 0.2836,
0.3140

■ 29.6497, 0.2619,
0.3017

■ 204.9667, 0.2856,
0.3150

■ 19.5728, 0.2547,
0.2975

■ 249.5931, 0.2873,
0.3159

■ 12.0849, 0.2452,
0.2918

■ 300.2681, 0.2888,
0.3167

■ 6.8015, 0.2320,
0.2835

■ 357.3759, 0.2901,

■ 3.3383, 0.2126,

0.3174

0.2708

421.3010, 0.2913,
0.3181

■ 1.3108, 0.1817,
0.2490

■ 0.1495, 0.0000,
0.1203

■ 79.2577, 0.2757,
0.3096

■ 79.2577, 0.2757,
0.3096

■ 71.9110, 0.2607,
0.3002

■ 87.3720, 0.2911,
0.3183

■ 65.2904, 0.2466,
0.2901

■ 96.2738, 0.3067,
0.3261

■ 59.3648, 0.2336,
0.2795

■ 99.9984, 0.3127,
0.3290

■ 54.0964, 0.2221,
0.2684

■ 49.4429, 0.2125,
0.2572

■ 45.3557, 0.2048,
0.2458

■ 41.7755, 0.1993,
0.2347

■ 39.7940, 0.1967,
0.2279

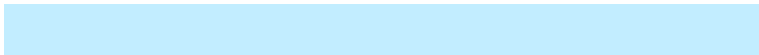
Harmonies

Analogous

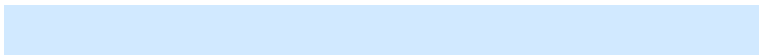
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2577, 0.2803, 0.3260



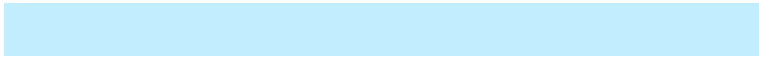
79.2577, 0.2757, 0.3096



79.2577, 0.2806, 0.2991

Triad

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



79.2577, 0.2757, 0.3096



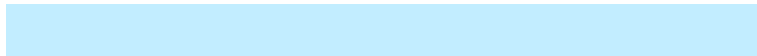
79.2577, 0.3319, 0.3145



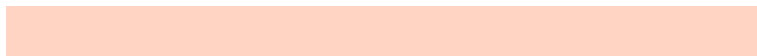
79.2577, 0.3310, 0.3633

Complementary

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



79.2577, 0.2757, 0.3096



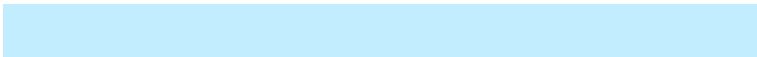
72.2238, 0.3586, 0.3476

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.



79.2577, 0.3455, 0.3589



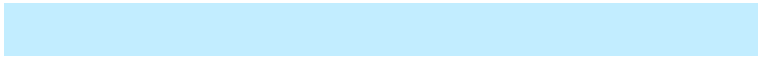
79.2577, 0.2757, 0.3096



79.2577, 0.3462, 0.3305

Square

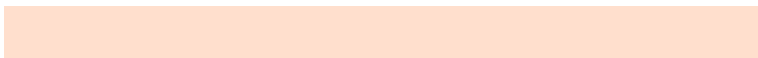
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



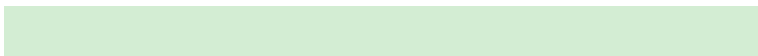
79.2577, 0.2757, 0.3096



79.2577, 0.3127, 0.3023



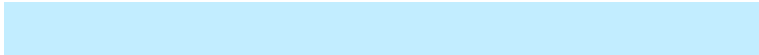
79.2577, 0.3512, 0.3467



79.2577, 0.3118, 0.3579

Rectangle

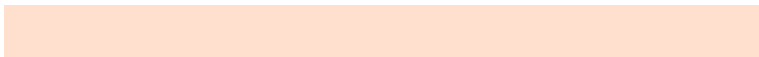
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



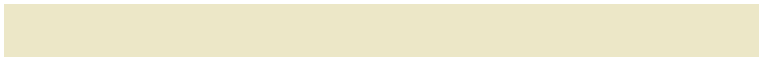
79.2577, 0.2757, 0.3096



79.2577, 0.2887, 0.2965



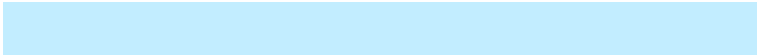
79.2577, 0.3512, 0.3467



79.2577, 0.3366, 0.3629

Sweetspot

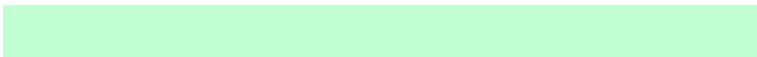
The Sweet Spot groups the original color and five complimentary colors.



79.2609, 0.2757, 0.3096



93.4599, 0.3019, 0.3238



87.6910, 0.3001, 0.3771



19.8876, 0.3009, 0.3233



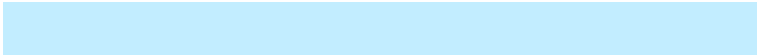
0.0000, 0.0000, 0.0000



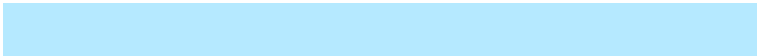
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2609, 0.2757, 0.3096



75.4450, 0.2680, 0.3049



63.4185, 0.2729, 0.2762



19.5242, 0.2980, 0.3218



21.0696, 0.1972, 0.2298



2.2413, 0.2007, 0.2424

Inverse Universe

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



65.9560, 0.3287, 0.2860



60.2231, 0.3330, 0.2765



88.5147, 0.3518, 0.3768



18.2038, 0.3183, 0.3124



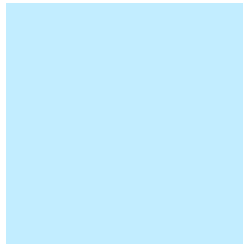
12.8550, 0.4129, 0.2048



1.2708, 0.3998, 0.1976

Previews

White Background



This preview shows how the Yxy color 79.2577, 0.2757, 0.3096 looks on a white background.

Color Contrast Check

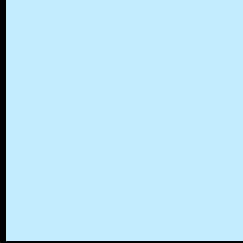
Large Text (above 18pt) WCAG AA × Fail

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 79.2577, 0.2757, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

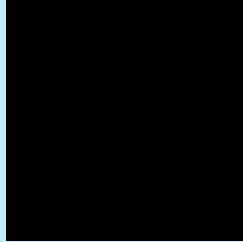
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

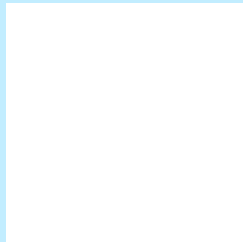
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2577, 0.2757, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 79.2577, 0.2757, 0.3096.



This preview shows how white text looks on a background with the Yxy color 79.2577, 0.2757, 0.3096.

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

79.2577, 0.2757, 0.3096

Protanopia

78.8203, 0.2996, 0.3074

Deuteranopia

78.7085, 0.3026, 0.2978



Tritanopia

79.3905, 0.2763, 0.3096

Trichromacy



Original Color

79.2577, 0.2757, 0.3096

Protanomaly

78.7158, 0.2908, 0.3080

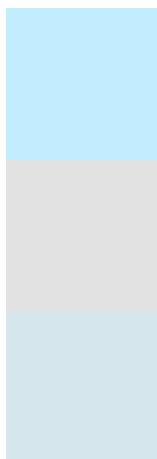
Deuteranomaly

78.7882, 0.2922, 0.3021

Tritanomaly

79.3905, 0.2763, 0.3096

Monochromacy



Original Color

79.2577, 0.2757, 0.3096

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.0042, 0.2977, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2577, 0.2757, 0.3096 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(194, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 237, 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(194, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 237, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.2577, 0.2757, 0.3096 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(194, 237, 255) }
```

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

```
.border{ border-color:rgb(194, 237, 255) }
```

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

Here you see how a box with a 4 pixel rgb(194, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 237,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 79.2577, 0.2757, 0.3096$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 237, 255) }
```

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

```
.background{ background-color: rgb(194,  
237, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor