

Converting Colors

$Yxy(78.7346, 0.2774, 0.3086)$

Have a look what the booklet for
Yxy(78.7346, 0.2774, 0.3086)
contains.

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Color

Yxy(79.0170, 0.2779, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	C5ECFE
RGB	197, 236, 254
RGB Percent	77%, 93%, 100%
CMY	0.2271, 0.0746, 0.0039
CMYK	0.22, 0.07, 0.00, 0.00
HSL	199°, 97%, 88%
HSV	199°, 22%, 100%
XYZ	70.9264, 79.0170, 105.2794
YIQ	226.3910, -29.0220, -2.6700

Conversions

Conversions Part 2

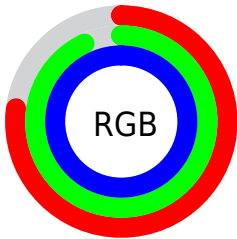
Format	Color
R _{YB}	197, 220, 254
Decimal	12971262
CIE Lab	91.24, -8.73, -12.87
CIE LCh	91, 15.552, 235.838
Yxy	79.0170, 0.2779, 0.3096
Android (android.graphics.Color)	4291161342 (0xFFC5ECFE)
YUV	226.3910, 13.6112, -25.7759
Hunter-Lab	88.8915, -13.1352, -7.9966

Details

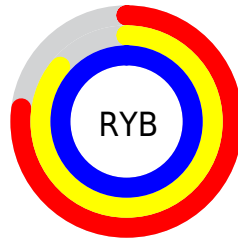
The Yxy color **79.0170, 0.2779, 0.3096** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7574, 0.3548, 0.3476**, and the grayscale version is **76.2784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **42.4245, 0.2702, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **71.3480, 0.2627, 0.2996**, and if you desaturate by 10%, it is **87.4786, 0.2934, 0.3188**.

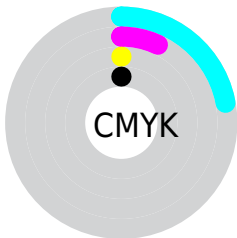
Distribution



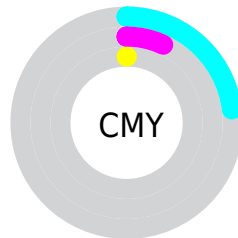
- Red (77%)
- Green (93%)
- Blue (100%)



- Red (77%)
- Yellow (86%)
- Blue (100%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0170, 0.2779, 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 79.0170, 0.2779, 0.3096 by changing the saturation by 10% instead.

79.0170, 0.2779,
0.3096

79.0170, 0.2779,
0.3096

491.6139, 0.2936,
0.3186

58.9098, 0.2744,
0.3075

131.9828, 0.2833,
0.3127

42.5405, 0.2702,
0.3050

165.6102, 0.2854,
0.3139

29.5248, 0.2649,
0.3018

204.5130, 0.2872,
0.3150

19.4781, 0.2580,
0.2976

249.0758, 0.2888,
0.3159

12.0163, 0.2490,
0.2919

299.6829, 0.2902,
0.3167

6.7548, 0.2365,
0.2838

356.7187, 0.2915,

3.3092, 0.2180,

0.3174

0.2712

420.5675, 0.2926,
0.3180

1.2952, 0.1882,
0.2497

0.1375, 0.0000,
0.1156

79.0170, 0.2779,
0.3096

79.0170, 0.2779,
0.3096

71.3480, 0.2627,
0.2996

87.4786, 0.2934,
0.3188

64.4303, 0.2482,
0.2888

96.7527, 0.3090,
0.3271

58.2329, 0.2347,
0.2774

99.9358, 0.3133,
0.3300

52.7185, 0.2227,
0.2655

■ 47.8453, 0.2124,
0.2534

■ 43.5656, 0.2042,
0.2411

■ 39.8223, 0.1980,
0.2290

■ 37.2759, 0.1944,
0.2200

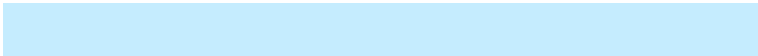
Harmonies

Analogous

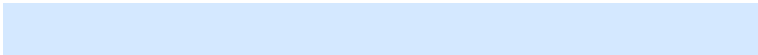
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0170, 0.2814, 0.3247



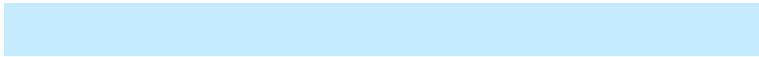
79.0170, 0.2779, 0.3096



79.0170, 0.2833, 0.3003

Triad

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



79.0170, 0.2779, 0.3096



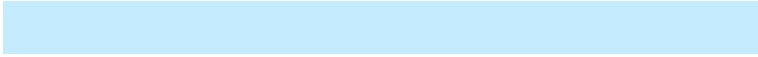
79.0170, 0.3323, 0.3166



79.0170, 0.3284, 0.3611

Complementary

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



79.0170, 0.2779, 0.3096



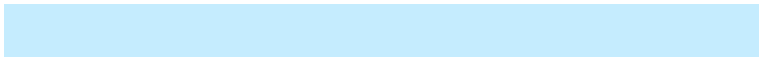
73.7574, 0.3548, 0.3476

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.



79.0170, 0.3426, 0.3578



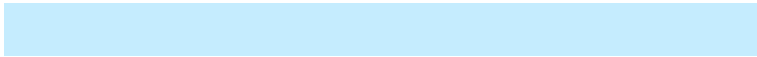
79.0170, 0.2779, 0.3096



79.0170, 0.3450, 0.3319

Square

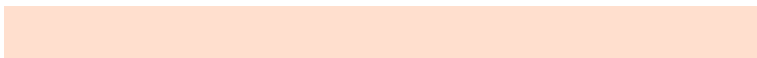
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



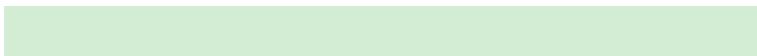
79.0170, 0.2779, 0.3096



79.0170, 0.3144, 0.3046



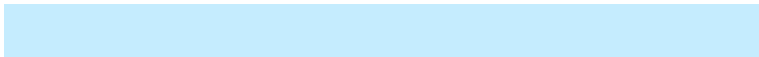
79.0170, 0.3488, 0.3469



79.0170, 0.3102, 0.3552

Rectangle

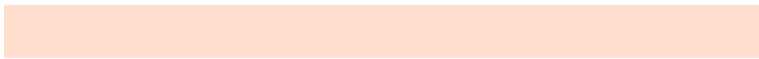
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0170, 0.2779, 0.3096



79.0170, 0.2914, 0.2983



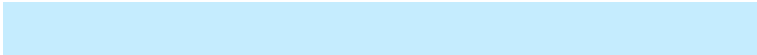
79.0170, 0.3488, 0.3469



79.0170, 0.3338, 0.3610

Sweetspot

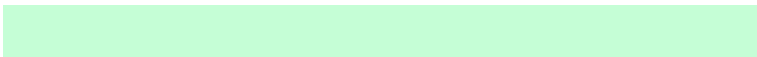
The Sweet Spot groups the original color and five complimentary colors.



79.0202, 0.2779, 0.3096



93.2184, 0.3019, 0.3234



87.6293, 0.3004, 0.3726



19.8316, 0.3009, 0.3229



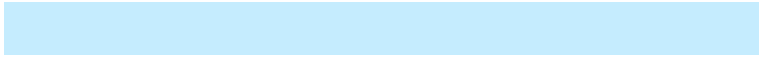
0.0000, 0.0000, 0.0000



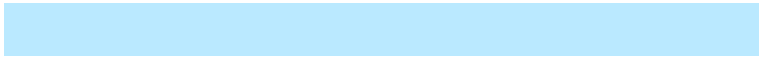
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0202, 0.2779, 0.3096



76.0735, 0.2709, 0.3051



64.3772, 0.2756, 0.2789



19.4547, 0.2980, 0.3213



19.9291, 0.1950, 0.2219



2.1370, 0.1988, 0.2356

Inverse Universe

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



67.0968, 0.3284, 0.2900



62.3361, 0.3324, 0.2817



88.9788, 0.3490, 0.3746



18.1968, 0.3187, 0.3129



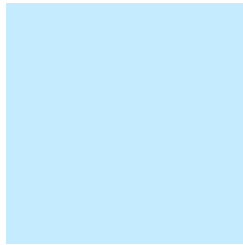
12.7398, 0.4212, 0.2094



1.2603, 0.4068, 0.2015

Previews

White Background



This preview shows how the Yxy color 79.0170, 0.2779, 0.3096 looks on a white background.

Color Contrast Check

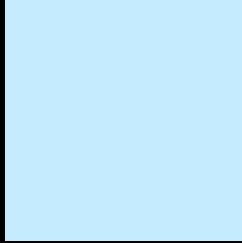
Large Text (above 18pt) WCAG AA × Fail

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 79.0170, 0.2779, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

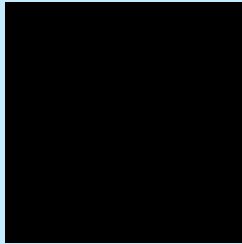
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

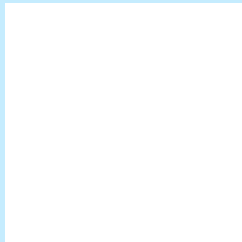
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0170, 0.2779, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 79.0170, 0.2779, 0.3096.

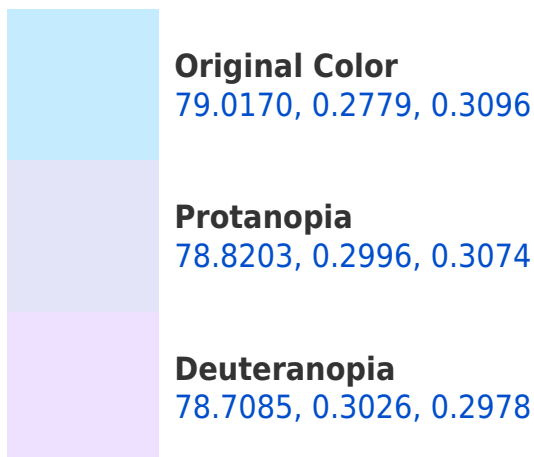


This preview shows how white text looks on a background with the Yxy color 79.0170, 0.2779, 0.3096.

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

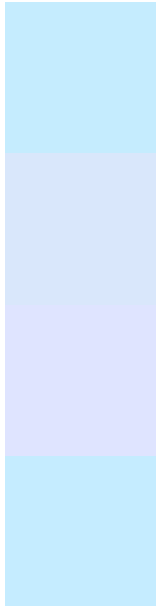




Tritanopia

79.0812, 0.2773, 0.3086

Trichromacy



Original Color

79.0170, 0.2779, 0.3096

Protanomaly

78.8686, 0.2914, 0.3080

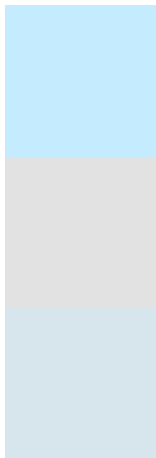
Deuteranomaly

78.3948, 0.2928, 0.3011

Tritanomaly

79.0812, 0.2773, 0.3086

Monochromacy



Original Color

79.0170, 0.2779, 0.3096

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.0968, 0.2990, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0170, 0.2779, 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(197, 236, 254)` looks like.

```
.text, #text, p{  
    color:rgb(197, 236, 254)  
}
```

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(197, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 236, 254) }
```

Border

The CSS property to change the border of an element to Yxy 79.0170, 0.2779, 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(197, 236, 254) }
```

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

```
.border{ border-color:rgb(197, 236, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 236, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 236, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 236, 254);  
box-shadow:4px 4px 4px 4px rgb(197, 236,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0170, 0.2779, 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(197, 236, 254) }
```

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

```
.background{ background-color: rgb(197,  
236, 254) }
```

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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