

Converting Colors

$Yxy(78.8360, 0.2797, 0.3110)$

Have a look what the booklet for
Yxy(78.8360, 0.2797, 0.3110)
contains.

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Color

Yxy(79.1613, 0.2801, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	C7ECFC
RGB	199, 236, 252
RGB Percent	78%, 93%, 99%
CMY	0.2197, 0.0745, 0.0118
CMYK	0.21, 0.06, 0.00, 0.01
HSL	198°, 90%, 88%
HSV	198°, 21%, 99%
XYZ	71.1131, 79.1613, 103.6104
YIQ	226.7610, -27.1880, -2.8680

Conversions

Conversions Part 2

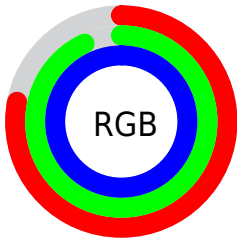
Format	Color
R _{YB}	199, 221, 252
Decimal	13102332
CIE Lab	91.31, -8.62, -11.71
CIE LCh	91, 14.535, 233.642
Yxy	79.1613, 0.2801, 0.3118
Android (android.graphics.Color)	4291292412 (0xFFC7ECFC)
YUV	226.7610, 12.4428, -24.3464
Hunter-Lab	88.9726, -13.0324, -6.7635

Details

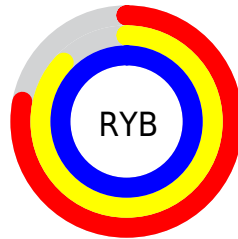
The Yxy color **79.1613, 0.2801, 0.3118** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.3925, 0.3519, 0.3456**, and the grayscale version is **76.5553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5119, 0.2729, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **71.7184, 0.2649, 0.3024**, and if you desaturate by 10%, it is **87.3672, 0.2956, 0.3204**.

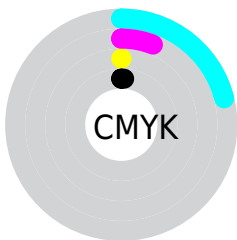
Distribution



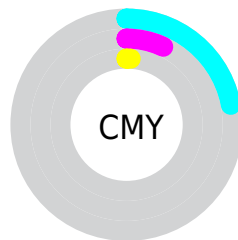
- Red (78%)
- Green (93%)
- Blue (99%)



- Red (78%)
- Yellow (87%)
- Blue (99%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1613, 0.2801, 0.3118 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 79.1613, 0.2801, 0.3118 by changing the saturation by 10% instead.

■ 79.1613, 0.2801,
0.3118

■ 79.1613, 0.2801,
0.3118

492.1018, 0.2948,
0.3198

■ 59.0284, 0.2768,
0.3100

132.1859, 0.2851,
0.3146

■ 42.6360, 0.2728,
0.3077

165.8465, 0.2871,
0.3157

■ 29.5996, 0.2679,
0.3049

204.7850, 0.2888,
0.3166

■ 19.5349, 0.2615,
0.3011

249.3860, 0.2903,
0.3174

■ 12.0574, 0.2529,
0.2960

300.0338, 0.2916,
0.3181

■ 6.7828, 0.2411,
0.2888

357.1127, 0.2928,

■ 3.3266, 0.2236,

0.3187

0.2775

421.0073, 0.2939,
0.3193

■ 1.3045, 0.1952,
0.2580

■ 0.1447, 0.0000,
0.1291

■ 79.1613, 0.2801,
0.3118

■ 79.1613, 0.2801,
0.3118

■ 71.7184, 0.2649,
0.3024

■ 87.3672, 0.2956,
0.3204

■ 64.9985, 0.2505,
0.2923

■ 96.3548, 0.3111,
0.3282

■ 58.9721, 0.2370,
0.2815

■ 99.8071, 0.3145,
0.3319

■ 53.6033, 0.2250,
0.2703

■ 48.8523, 0.2147,
0.2588

■ 44.6737, 0.2064,
0.2472

■ 41.0134, 0.2001,
0.2357

■ 38.0972, 0.1960,
0.2256

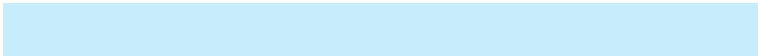
Harmonies

Analogous

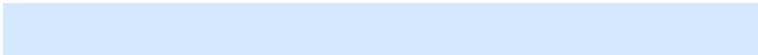
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1613, 0.2840, 0.3262



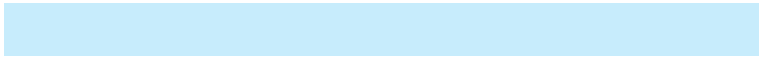
79.1613, 0.2801, 0.3118



79.1613, 0.2846, 0.3026

Triad

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



79.1613, 0.2801, 0.3118



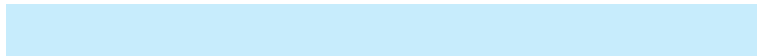
79.1613, 0.3299, 0.3165



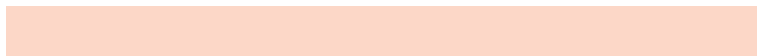
79.1613, 0.3285, 0.3590

Complementary

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



79.1613, 0.2801, 0.3118



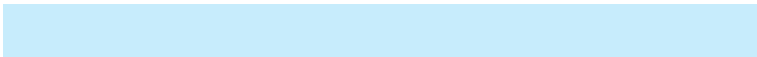
73.3925, 0.3519, 0.3456

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.



79.1613, 0.3414, 0.3554



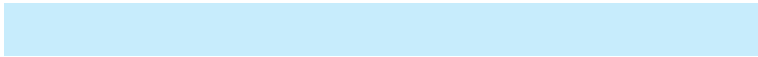
79.1613, 0.2801, 0.3118



79.1613, 0.3422, 0.3307

Square

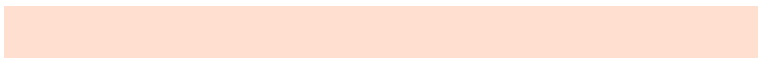
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1613, 0.2801, 0.3118



79.1613, 0.3130, 0.3056



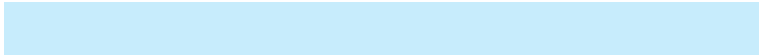
79.1613, 0.3465, 0.3449



79.1613, 0.3117, 0.3541

Rectangle

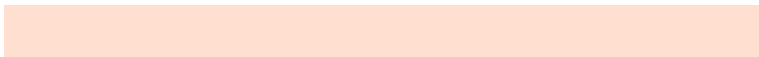
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1613, 0.2801, 0.3118



79.1613, 0.2919, 0.3003



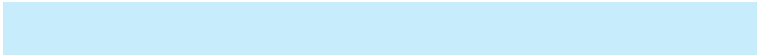
79.1613, 0.3465, 0.3449



79.1613, 0.3335, 0.3587

Sweetspot

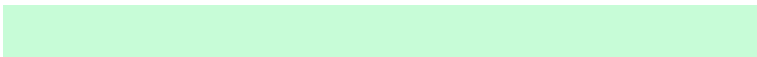
The Sweet Spot groups the original color and five complimentary colors.



79.1645, 0.2801, 0.3118



94.3063, 0.3034, 0.3245



86.6495, 0.3011, 0.3696



20.0566, 0.3024, 0.3239



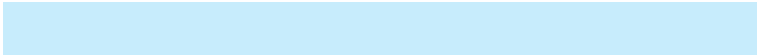
0.0000, 0.0000, 0.0000



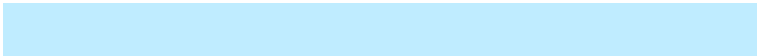
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1645, 0.2801, 0.3118



78.1986, 0.2740, 0.3081



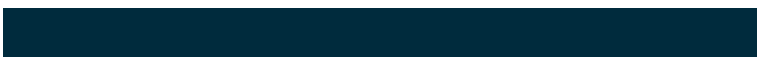
65.0550, 0.2781, 0.2824



18.6738, 0.2980, 0.3217



20.1195, 0.1965, 0.2275



2.0493, 0.2003, 0.2411

Inverse Universe

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



67.5884, 0.3267, 0.2917



64.6746, 0.3299, 0.2844



87.9518, 0.3466, 0.3717



17.4302, 0.3184, 0.3126



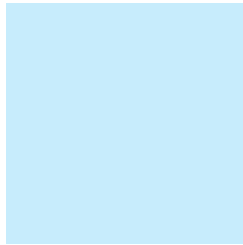
12.4420, 0.4153, 0.2061



1.1711, 0.4012, 0.1984

Previews

White Background



This preview shows how the Yxy color 79.1613, 0.2801, 0.3118 looks on a white background.

Color Contrast Check

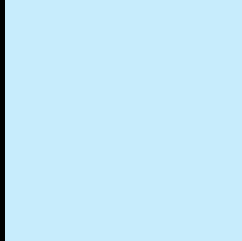
Large Text (above 18pt) WCAG AA × Fail

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 79.1613, 0.2801, 0.3118 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

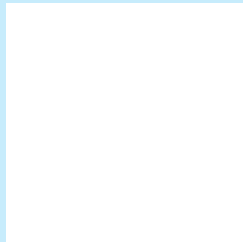
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1613, 0.2801, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 79.1613, 0.2801, 0.3118.

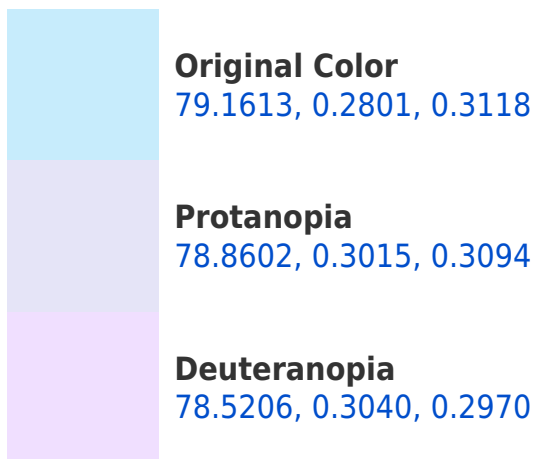


This preview shows how white text looks on a background with the Yxy color 79.1613, 0.2801, 0.3118.

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

79.2888, 0.2790, 0.3097

Trichromacy



Original Color

79.1613, 0.2801, 0.3118

Protanomaly

78.8968, 0.2932, 0.3101

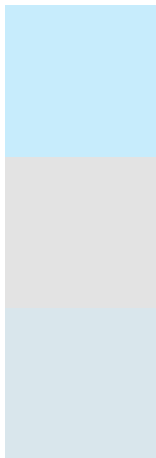
Deuteranomaly

78.6501, 0.2947, 0.3022

Tritanomaly

79.2249, 0.2796, 0.3107

Monochromacy



Original Color

79.1613, 0.2801, 0.3118

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.4015, 0.3003, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1613, 0.2801, 0.3118 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(199, 236, 252)` looks like.

```
.text, #text, p{  
    color:rgb(199, 236, 252)  
}
```

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(199, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 236, 252) }
```

Border

The CSS property to change the border of an element to Yxy 79.1613, 0.2801, 0.3118 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(199, 236, 252) }
```

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

```
.border{ border-color:rgb(199, 236, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 236, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(199, 236,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1613, 0.2801, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 236, 252) }
```

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

```
.background{ background-color: rgb(199,  
236, 252) }
```

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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