

Converting Colors

$Yxy(78.8307, 0.2694, 0.3112)$

Have a look what the booklet for
Yxy(78.8307, 0.2694, 0.3112)
contains.

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Color

Yxy(78.8981, 0.2692, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	B6EFFF
RGB	182, 239, 255
RGB Percent	71%, 94%, 100%
CMY	0.2864, 0.0627, 0.0000
CMYK	0.29, 0.06, 0.00, 0.00
HSL	193°, 100%, 86%
HSV	193°, 29%, 100%
XYZ	68.2061, 78.8981, 106.2616
YIQ	223.7810, -39.1080, -7.1080

Conversions

Conversions Part 2

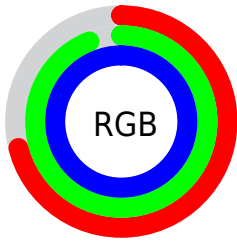
Format	Color
R_{YB}	182, 214, 255
Decimal	11988991
CIE _{Lab}	91.19, -14.38, -13.57
CIE _{LCh}	91, 19.772, 223.359
Yxy	78.8981, 0.2692, 0.3114
Android (android.graphics.Color)	4290179071 (0xFFB6EFFF)
YUV	223.7810, 15.3910, -36.6419
Hunter-Lab	88.8246, -18.3776, -8.7519

Details

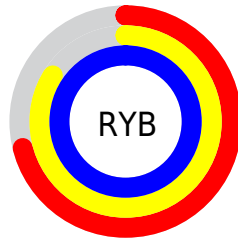
The Yxy color **78.8981, 0.2692, 0.3114** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.0098, 0.3717, 0.3458**, and the grayscale version is **74.2831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **42.4562, 0.2599, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **72.8532, 0.2553, 0.3043**, and if you desaturate by 10%, it is **85.6123, 0.2840, 0.3181**.

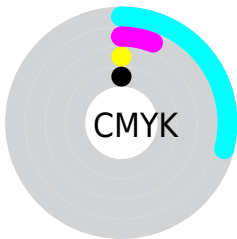
Distribution



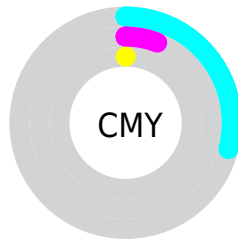
- Red (71%)
- Green (94%)
- Blue (100%)



- Red (71%)
- Yellow (84%)
- Blue (100%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8981, 0.2692, 0.3114 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 78.8981, 0.2692, 0.3114 by changing the saturation by 10% instead.

■ 78.8981, 0.2692,
0.3114

■ 78.8981, 0.2692,
0.3114

491.2116, 0.2887,
0.3197

■ 58.8120, 0.2649,
0.3095

■ 131.8154, 0.2759,
0.3143

■ 42.4618, 0.2596,
0.3071

165.4154, 0.2785,
0.3154

■ 29.4631, 0.2531,
0.3040

204.2889, 0.2808,
0.3164

■ 19.4314, 0.2447,
0.2999

248.8202, 0.2828,
0.3173

■ 11.9824, 0.2336,
0.2944

299.3937, 0.2845,
0.3180

■ 6.7317, 0.2184,
0.2863

356.3938, 0.2861,

■ 3.2949, 0.1962,

0.3186

0.2737

420.2050, 0.2875,
0.3192

1.2876, 0.1614,
0.2515

0.1315, 0.0000,
0.1070

78.8981, 0.2692,
0.3114

78.8981, 0.2692,
0.3114

72.8532, 0.2553,
0.3043

85.6123, 0.2840,
0.3181

67.4415, 0.2425,
0.2967

93.0206, 0.2993,
0.3242

62.6299, 0.2312,
0.2889

100.0000, 0.3127,
0.3290

58.3801, 0.2217,
0.2808

■ 54.6485, 0.2141,
0.2726

■ 51.3835, 0.2085,
0.2645

■ 48.5123, 0.2047,
0.2564

■ 48.1384, 0.2043,
0.2554

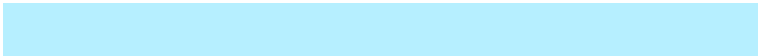
Harmonies

Analogous

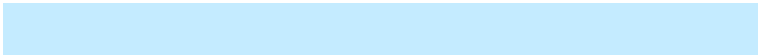
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8981, 0.2781, 0.3324



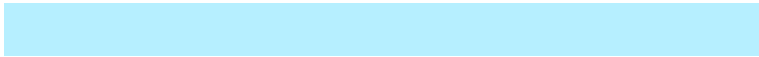
78.8981, 0.2692, 0.3114



78.8981, 0.2714, 0.2963

Triad

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



78.8981, 0.2692, 0.3114



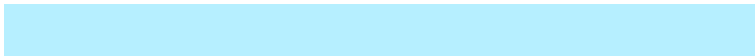
78.8981, 0.3285, 0.3063



78.8981, 0.3410, 0.3696

Complementary

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



78.8981, 0.2692, 0.3114



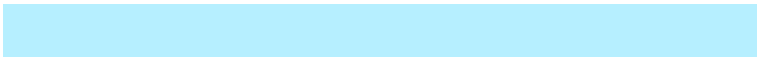
65.0098, 0.3717, 0.3458

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.



78.8981, 0.3555, 0.3606



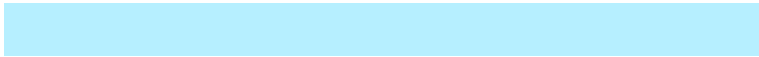
78.8981, 0.2692, 0.3114



78.8981, 0.3483, 0.3242

Square

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



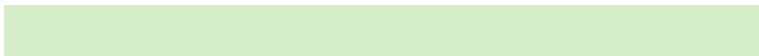
78.8981, 0.2692, 0.3114



78.8981, 0.3049, 0.2941



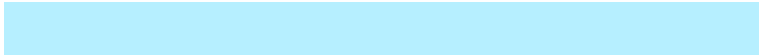
78.8981, 0.3583, 0.3439



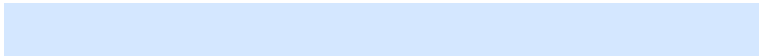
78.8981, 0.3192, 0.3672

Rectangle

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



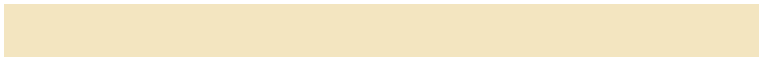
78.8981, 0.2692, 0.3114



78.8981, 0.2789, 0.2912



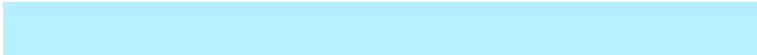
78.8981, 0.3583, 0.3439



78.8981, 0.3469, 0.3678

Sweetspot

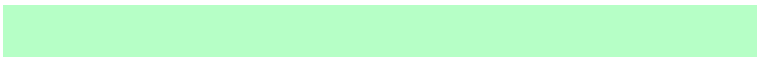
The Sweet Spot groups the original color and five complimentary colors.



78.8996, 0.2692, 0.3114



92.7392, 0.2988, 0.3240



85.5300, 0.3004, 0.3939



19.6106, 0.2965, 0.3231



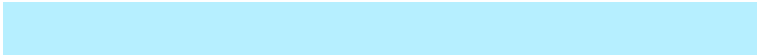
0.0000, 0.0000, 0.0000



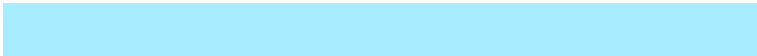
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8996, 0.2692, 0.3114



75.5761, 0.2616, 0.3077



59.7163, 0.2648, 0.2698



19.7666, 0.2980, 0.3237



25.3837, 0.2046, 0.2567



2.6305, 0.2072, 0.2659

Inverse Universe

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



60.9383, 0.3283, 0.2720



55.4330, 0.3319, 0.2612



83.6586, 0.3615, 0.3819



18.2283, 0.3172, 0.3106



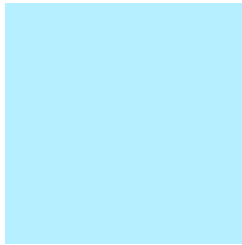
13.2905, 0.3856, 0.1898



1.3101, 0.3767, 0.1849

Previews

White Background



This preview shows how the Yxy color 78.8981, 0.2692, 0.3114 looks on a white background.

Color Contrast Check

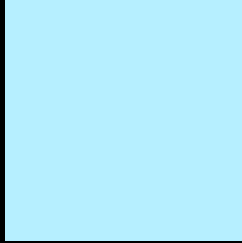
Large Text (above 18pt) WCAG AA × Fail

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 78.8981, 0.2692, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

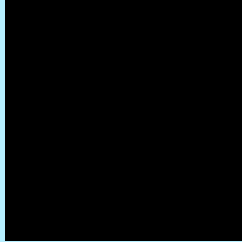
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.8981, 0.2692, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 78.8981, 0.2692, 0.3114.

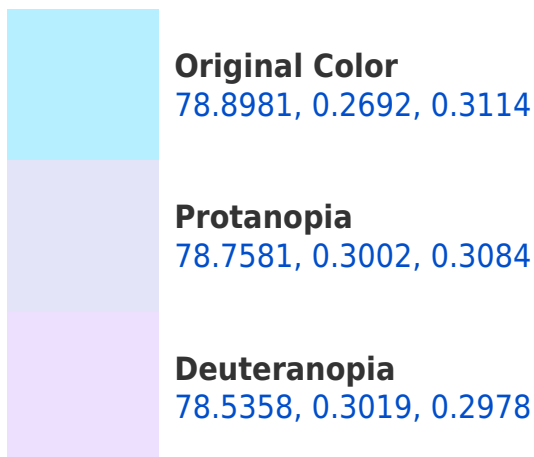


This preview shows how white text looks on a background with the Yxy color 78.8981, 0.2692, 0.3114.

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

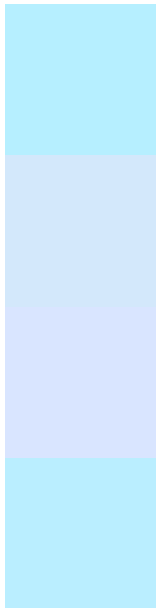




Tritanopia

79.0604, 0.2724, 0.3105

Trichromacy



Original Color

78.8981, 0.2692, 0.3114

Protanomaly

78.5271, 0.2877, 0.3089

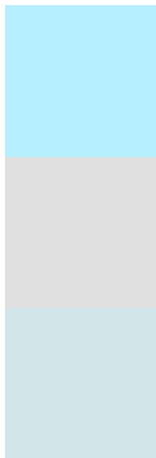
Deuteranomaly

78.0103, 0.2890, 0.3019

Tritanomaly

78.8082, 0.2713, 0.3104

Monochromacy



Original Color

78.8981, 0.2692, 0.3114

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.5921, 0.2956, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8981, 0.2692, 0.3114 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(182, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 239, 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(182, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 239, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.8981, 0.2692, 0.3114 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(182, 239, 255) }
```

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

```
.border{ border-color:rgb(182, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 239,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8981, 0.2692, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 239, 255) }
```

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

```
.background{ background-color: rgb(182,  
239, 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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