

Converting Colors

$Yxy(78.9578, 0.2788, 0.3383)$

Have a look what the booklet for
Yxy(78.9578, 0.2788, 0.3383)
contains.

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Color

Yxy(79.0285, 0.2787, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	B3F2EA
RGB	179, 242, 234
RGB Percent	70%, 95%, 92%
CMY	0.2983, 0.0509, 0.0823
CMYK	0.26, 0.00, 0.03, 0.05
HSL	172°, 71%, 83%
HSV	172°, 26%, 95%
XYZ	65.1827, 79.0285, 89.6701
YIQ	222.2510, -34.9800, -15.8440

Conversions

Conversions Part 2

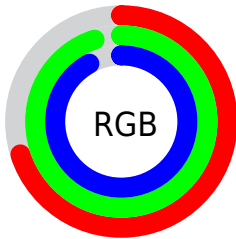
Format	Color
R _Y B	179, 213, 242
Decimal	11793130
CIE Lab	91.25, -21.34, -2.56
CIE LCh	91, 21.497, 186.835
Yxy	79.0285, 0.2787, 0.3379
Android (android.graphics.Color)	4289983210 (0xFFB3F2EA)
YUV	222.2510, 5.7923, -37.9311
Hunter-Lab	88.8980, -24.6898, 2.4236

Details

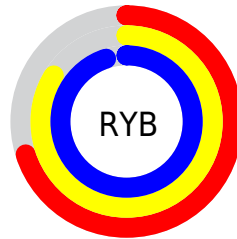
The Yxy color **79.0285, 0.2787, 0.3379** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.6774, 0.3615, 0.3204**, and the grayscale version is **73.2030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **42.6172, 0.2711, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **76.2231, 0.2674, 0.3418**, and if you desaturate by 10%, it is **82.3494, 0.2911, 0.3343**.

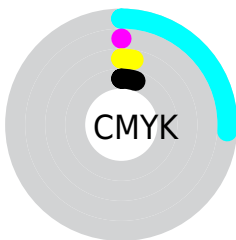
Distribution



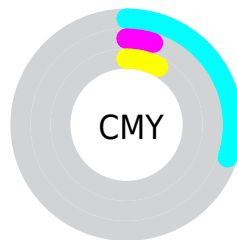
- Red (70%)
- Green (95%)
- Blue (92%)



- Red (70%)
- Yellow (84%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)




- Cyan (30%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0285, 0.2787, 0.3379 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 79.0285, 0.2787, 0.3379 by changing the saturation by 10% instead.


 79.0285, 0.2787,
0.3379

 79.0285, 0.2787,
0.3379


491.6528, 0.2941,
0.3340

 58.9192, 0.2753,
0.3388


 131.9990, 0.2840,
0.3366

 42.5481, 0.2710,
0.3398


165.6290, 0.2861,
0.3360

 29.5307, 0.2657,
0.3411

204.5347, 0.2879,
0.3356

 19.4827, 0.2589,
0.3427

249.1005, 0.2894,
0.3352

 12.0196, 0.2498,
0.3448

299.7109, 0.2908,
0.3348

 6.7570, 0.2370,
0.3476


356.7501, 0.2920,


 3.3106, 0.2179,


0.3345

0.3516


420.6026, 0.2931,
0.3342


 1.2960, 0.1834,
0.3587


 0.1381, 0.0000,
0.2955

 79.0285, 0.2787,
0.3379

 79.0285, 0.2787,
0.3379


 76.2231, 0.2674,
0.3418

 82.3494, 0.2911,
0.3343


 73.8970, 0.2576,
0.3460


 86.2007, 0.3044,
0.3309


 72.0247, 0.2495,
0.3503

 90.6085, 0.3182,
0.3278


 70.5740, 0.2432,
0.3547


 91.4471, 0.3186,
0.3249


 69.5090, 0.2389,
0.3592


 91.6375, 0.3167,
0.3219

 68.7872, 0.2366,
0.3637

 91.8310, 0.3149,
0.3190

 68.3564, 0.2360,
0.3681

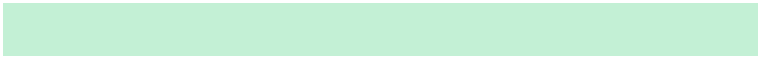
 91.9951, 0.3133,
0.3166

 68.2340, 0.2361,
0.3698

Harmonies

Analogous

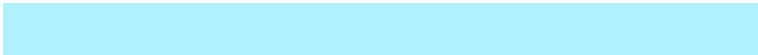
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0285, 0.2999, 0.3597



79.0285, 0.2787, 0.3379



79.0285, 0.2667, 0.3144

Triad

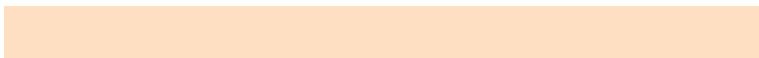
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0285, 0.2787, 0.3379



79.0285, 0.2988, 0.2895



79.0285, 0.3611, 0.3598

Complementary

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



79.0285, 0.2787, 0.3379



54.6774, 0.3615, 0.3204

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.



79.0285, 0.3611, 0.3405



79.0285, 0.2787, 0.3379



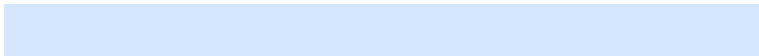
79.0285, 0.3243, 0.3009

Square

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



79.0285, 0.2787, 0.3379



79.0285, 0.2779, 0.2876



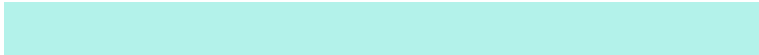
79.0285, 0.3474, 0.3192



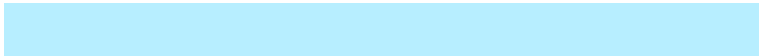
79.0285, 0.3477, 0.3720

Rectangle

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



79.0285, 0.2787, 0.3379



79.0285, 0.2651, 0.3013



79.0285, 0.3474, 0.3192



79.0285, 0.3627, 0.3539

Sweetspot

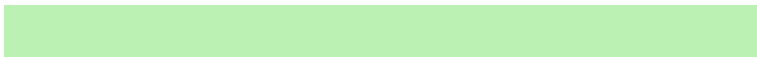
The Sweet Spot groups the original color and five complimentary colors.



79.0317, 0.2787, 0.3379



96.1686, 0.3017, 0.3315



77.3748, 0.3146, 0.4026



20.4395, 0.2997, 0.3320



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.



79.0317, 0.2787, 0.3379



87.3351, 0.2729, 0.3398



66.5906, 0.2720, 0.3024



17.8924, 0.2998, 0.3320



36.6639, 0.2359, 0.3691



3.0597, 0.2342, 0.3632

Inverse Universe

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



54.6774, 0.3615, 0.3204



55.8353, 0.3745, 0.3187



64.4024, 0.3623, 0.3541



15.7915, 0.3273, 0.3260



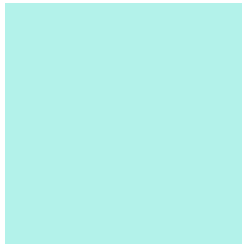
10.2041, 0.6239, 0.3210



0.8592, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 79.0285, 0.2787, 0.3379 looks on a white background.

Color Contrast Check

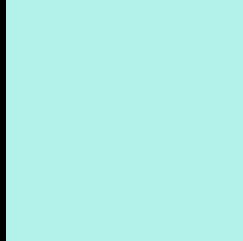
Large Text (above 18pt) WCAG AA × Fail

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 79.0285, 0.2787, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

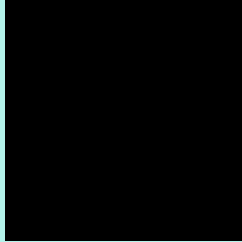
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

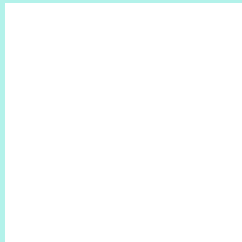
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0285, 0.2787, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 79.0285, 0.2787, 0.3379.

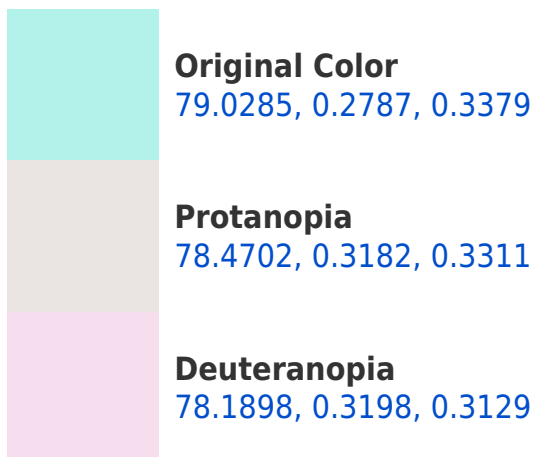


This preview shows how white text looks on a background with the Yxy color 79.0285, 0.2787, 0.3379.

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

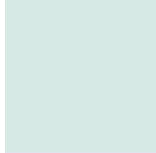
79.1879, 0.2730, 0.3105

Trichromacy



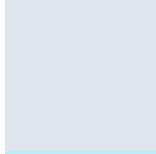
Original Color

79.0285, 0.2787, 0.3379



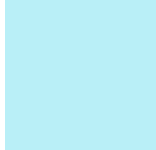
Protanomaly

78.2311, 0.3025, 0.3333



Deuteranomaly

77.6826, 0.3030, 0.3205



Tritanomaly

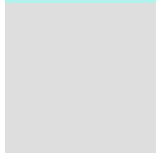
78.7627, 0.2750, 0.3201

Monochromacy



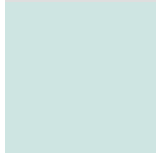
Original Color

79.0285, 0.2787, 0.3379



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.6514, 0.2991, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0285, 0.2787, 0.3379 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(179, 242, 234)` looks like.

```
.text, #text, p{  
    color:rgb(179, 242, 234)  
}
```

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(179, 242, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 242, 234) }
```

Border

The CSS property to change the border of an element to Yxy 79.0285, 0.2787, 0.3379 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(179, 242, 234) }
```

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

```
.border{ border-color:rgb(179, 242, 234) }
```

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

Here you see how a box with a 4 pixel rgb(179, 242, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 242, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 242, 234);  
box-shadow:4px 4px 4px 4px rgb(179, 242,  
234) }
```


Background

The CSS property to change the background color of an element to `rgb(179, 242, 234)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 242, 234) }
```

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

```
.background{ background-color: rgb(179,  
242, 234) }
```

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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