

Converting Colors

$Yxy(79.5173, 0.2776, 0.3474)$

Have a look what the booklet for
Yxy(79.5173, 0.2776, 0.3474)
contains.

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Color

Yxy(79.6199, 0.2773, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	ABF5E5
RGB	171, 245, 229
RGB Percent	67%, 96%, 90%
CMY	0.3290, 0.0393, 0.1019
CMYK	0.30, 0.00, 0.07, 0.04
HSL	167°, 79%, 82%
HSV	167°, 30%, 96%
XYZ	63.6088, 79.6199, 86.1574
YIQ	221.0500, -38.9680, -20.6640

Conversions

Conversions Part 2

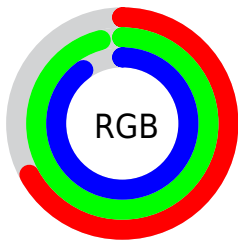
Format	Color
RYB	171, 212, 245
Decimal	11269605
CIELab	91.51, -26.07, 0.38
CIELCh	92, 26.075, 179.160
Yxy	79.6199, 0.2773, 0.3471
Android (android.graphics.Color)	4289459685 (0xFFABF5E5)
YUV	221.0500, 3.9194, -43.8938
Hunter-Lab	89.2300, -28.9064, 5.2126

Details

The Yxy color **79.6199, 0.2773, 0.3471** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.1668, 0.3659, 0.3119**, and the grayscale version is **72.3533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **42.7354, 0.2688, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **76.8288, 0.2675, 0.3541**, and if you desaturate by 10%, it is **82.9364, 0.2883, 0.3406**.

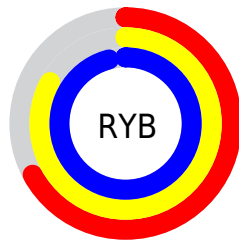
Distribution



Red (67%)

Green (96%)

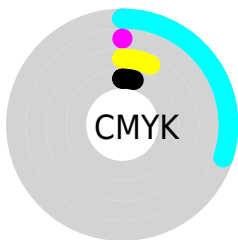
Blue (90%)



Red (67%)

Yellow (83%)

Blue (96%)

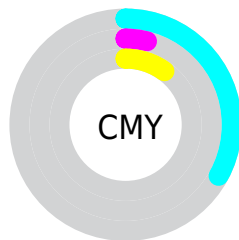


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (4%)



Cyan (33%)


Magenta (4%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6199, 0.2773, 0.3471 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 79.6199, 0.2773, 0.3471 by changing the saturation by 10% instead.


 79.6199, 0.2773,
0.3471

 79.6199, 0.2773,
0.3471

493.6509, 0.2934,
0.3389

 59.4056, 0.2737,
0.3489


 132.8312, 0.2828,
0.3443

 42.9397, 0.2693,
0.3512


166.5970, 0.2850,
0.3432

 29.8378, 0.2637,
0.3541


205.6488, 0.2869,
0.3422

 19.7155, 0.2566,
0.3577

250.3709, 0.2885,
0.3414

 12.1884, 0.2470,
0.3627

301.1478, 0.2899,
0.3406

 6.8721, 0.2335,
0.3696


358.3638, 0.2912,


 3.3823, 0.2132,


0.3400


422.4034, 0.2924,
0.3394


0.3802


 1.3344, 0.1728,
0.4010


 0.1676, 0.0000,
0.5183

 79.6199, 0.2773,
0.3471


 79.6199, 0.2773,
0.3471


 76.8288, 0.2675,
0.3541


 82.9364, 0.2883,
0.3406


 74.5252, 0.2591,
0.3616

 86.7948, 0.3001,
0.3345

 72.6812, 0.2524,
0.3693

 91.2225, 0.3125,
0.3291

 71.2622, 0.2476,
0.3773

 93.4693, 0.3160,
0.3240

■ 70.2287, 0.2448,
0.3853

■ 93.7749, 0.3132,
0.3194

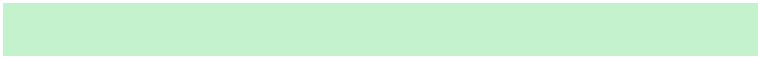
■ 69.5335, 0.2440,
0.3933

■ 69.1027, 0.2448,
0.4011

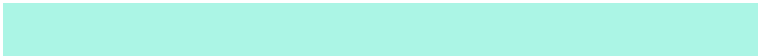
Harmonies

Analogous

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



79.6199, 0.3047, 0.3719



79.6199, 0.2773, 0.3471



79.6199, 0.2598, 0.3179

Triad

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



79.6199, 0.2773, 0.3471



79.6199, 0.2886, 0.2799



79.6199, 0.3730, 0.3603

Complementary

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



79.6199, 0.2773, 0.3471



52.1668, 0.3659, 0.3119

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.



79.6199, 0.3686, 0.3359



79.6199, 0.2773, 0.3471



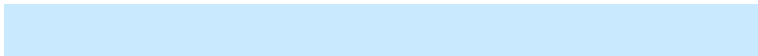
79.6199, 0.3186, 0.2910

Square

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



79.6199, 0.2773, 0.3471



79.6199, 0.2660, 0.2806



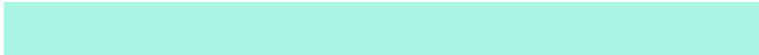
79.6199, 0.3483, 0.3110



79.6199, 0.3604, 0.3782

Rectangle

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



79.6199, 0.2773, 0.3471



79.6199, 0.2555, 0.3008



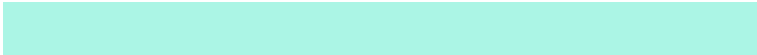
79.6199, 0.3483, 0.3110



79.6199, 0.3735, 0.3526

Sweetspot

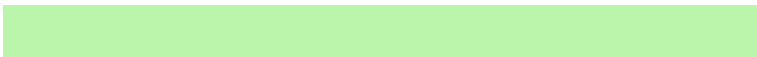
The Sweet Spot groups the original color and five complimentary colors.



79.6231, 0.2773, 0.3471



95.5889, 0.3015, 0.3339



78.8184, 0.3187, 0.4149



20.3177, 0.2997, 0.3347



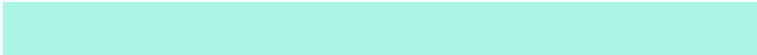
0.0000, 0.0000, 0.0000



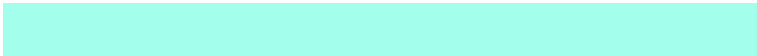
21.4041, 0.3127, 0.3290

Same Dimension

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



79.6231, 0.2773, 0.3471



85.3352, 0.2713, 0.3512



68.6008, 0.2665, 0.3049



18.6929, 0.3009, 0.3342



37.2540, 0.2444, 0.3998



3.2891, 0.2416, 0.3898

Inverse Universe

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



52.1668, 0.3659, 0.3119



50.9459, 0.3809, 0.3084



60.0703, 0.3741, 0.3518



16.5411, 0.3260, 0.3239



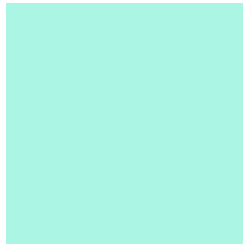
10.6126, 0.6032, 0.3097



0.9474, 0.5693, 0.2910

Previews

White Background



This preview shows how the Yxy color 79.6199, 0.2773, 0.3471 looks on a white background.

Color Contrast Check

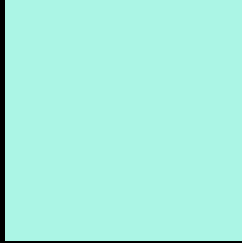
Large Text (above 18pt) WCAG AA × Fail

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 79.6199, 0.2773, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

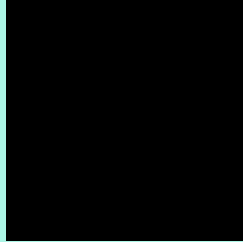
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.6199, 0.2773, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 79.6199, 0.2773, 0.3471.

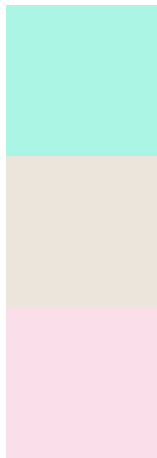


This preview shows how white text looks on a background with the Yxy color 79.6199, 0.2773, 0.3471.

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

79.6199, 0.2773, 0.3471

Protanopia

79.0388, 0.3234, 0.3384

Deuteranopia

79.0399, 0.3245, 0.3180



Tritanopia

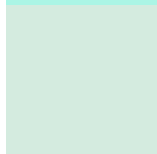
79.6444, 0.2725, 0.3116

Trichromacy



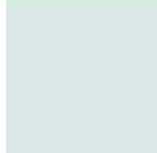
Original Color

79.6199, 0.2773, 0.3471



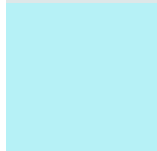
Protanomaly

78.7414, 0.3048, 0.3420



Deuteranomaly

78.3502, 0.3054, 0.3279



Tritanomaly

79.5095, 0.2740, 0.3234

Monochromacy



Original Color

79.6199, 0.2773, 0.3471



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.6720, 0.2984, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6199, 0.2773, 0.3471 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(171, 245, 229)` looks like.

```
.text, #text, p{  
    color:rgb(171, 245, 229)  
}
```

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(171, 245, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 245, 229) }
```

Border

The CSS property to change the border of an element to Yxy 79.6199, 0.2773, 0.3471 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(171, 245, 229) }
```

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

```
.border{ border-color:rgb(171, 245, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 245, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 245, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 245, 229); box-shadow:4px 4px 4px 4px rgb(171, 245, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6199, 0.2773, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 245, 229) }
```

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

```
.background{ background-color: rgb(171,  
245, 229) }
```

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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