

Converting Colors

$Yxy(79.7173, 0.2791, 0.3688)$

Have a look what the booklet for
Yxy(79.7173, 0.2791, 0.3688)
contains.

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Color

Yxy(79.4634, 0.2794, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	A0F8D6
RGB	160, 248, 214
RGB Percent	63%, 97%, 84%
CMY	0.3726, 0.0274, 0.1607
CMYK	0.35, 0.00, 0.14, 0.03
HSL	157°, 86%, 80%
HSV	157°, 35%, 97%
XYZ	60.2009, 79.4634, 75.8005
YIQ	217.8120, -41.5340, -29.2300

Conversions

Conversions Part 2

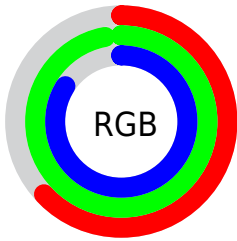
Format	Color
RYB	160, 215, 248
Decimal	10549462
CIELab	91.44, -33.72, 7.99
CIELCh	91, 34.657, 166.668
Yxy	79.4634, 0.2794, 0.3688
Android (android.graphics.Color)	4288739542 (0xFFA0F8D6)
YUV	217.8120, -1.8793, -50.7011
Hunter-Lab	89.1422, -35.4517, 11.9834

Details

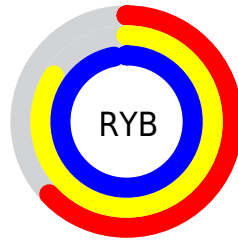
The Yxy color **79.4634, 0.2794, 0.3688** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **48.9841, 0.3648, 0.2929**, and the grayscale version is **70.0087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **42.7681, 0.2720, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **76.6860, 0.2719, 0.3823**, and if you desaturate by 10%, it is **82.7858, 0.2880, 0.3562**.

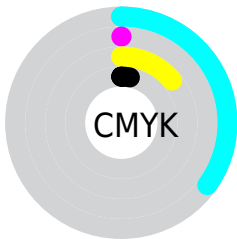
Distribution



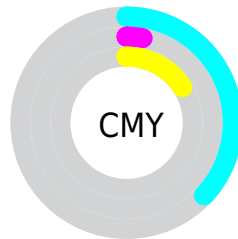
- Red (63%)
- Green (97%)
- Blue (84%)



- Red (63%)
- Yellow (84%)
- Blue (97%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)





- Cyan (37%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4634, 0.2794, 0.3688 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 79.4634, 0.2794, 0.3688 by changing the saturation by 10% instead.


 79.4634, 0.2794,
0.3688

 79.4634, 0.2794,
0.3688


493.1226, 0.2948,
0.3502

 59.2769, 0.2759,
0.3731

 132.6110, 0.2847,
0.3623

 42.8361, 0.2716,
0.3785


 166.3409, 0.2868,
0.3598

 29.7565, 0.2661,
0.3853


205.3541, 0.2886,
0.3576

 19.6538, 0.2589,
0.3943

250.0349, 0.2902,
0.3557

 12.1437, 0.2492,
0.4067

300.7678, 0.2915,
0.3541

 6.8416, 0.2352,
0.4249


357.9371, 0.2927,


 3.3632, 0.2136,


0.3526


0.4539


421.9272, 0.2938,
0.3513


 1.3242, 0.1508,
0.5243


 0.1598, 0.0000,
1.0000


 79.4634, 0.2794,
0.3688


 79.4634, 0.2794,
0.3688


 76.6860, 0.2719,
0.3823


 82.7858, 0.2880,
0.3562


 74.4129, 0.2659,
0.3967

 86.6719, 0.2973,
0.3447

 72.6132, 0.2616,
0.4116

 91.1513, 0.3072,
0.3343

 71.2481, 0.2593,
0.4268

 95.4476, 0.3146,
0.3249

■ 70.2728, 0.2591,
0.4419

■ 95.6191, 0.3130,
0.3223

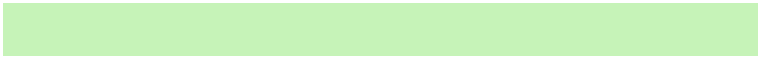
■ 69.6317, 0.2608,
0.4567

■ 69.4152, 0.2620,
0.4633

Harmonies

Analogous

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



79.4634, 0.3183, 0.3961



79.4634, 0.2794, 0.3688



79.4634, 0.2506, 0.3296

Triad

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



79.4634, 0.2794, 0.3688



79.4634, 0.2667, 0.2633



79.4634, 0.3936, 0.3563

Complementary

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



79.4634, 0.2794, 0.3688



48.9841, 0.3648, 0.2929

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.



79.4634, 0.3783, 0.3233



79.4634, 0.2794, 0.3688



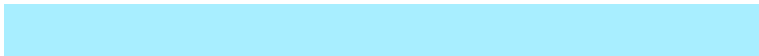
79.4634, 0.3029, 0.2718

Square

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



79.4634, 0.2794, 0.3688



79.4634, 0.2438, 0.2702



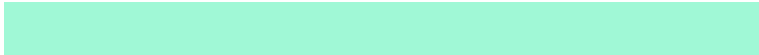
79.4634, 0.3442, 0.2933



79.4634, 0.3854, 0.3851

Rectangle

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



79.4634, 0.2794, 0.3688



79.4634, 0.2403, 0.3044



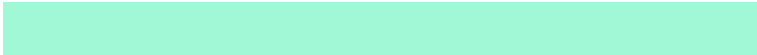
79.4634, 0.3442, 0.2933



79.4634, 0.3910, 0.3454

Sweetspot

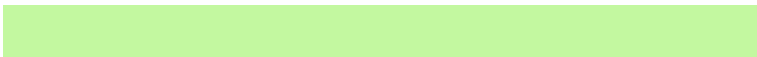
The Sweet Spot groups the original color and five complimentary colors.



79.4666, 0.2794, 0.3688



94.3849, 0.3017, 0.3399



81.3035, 0.3298, 0.4292



20.0659, 0.3004, 0.3413



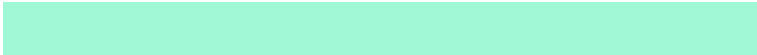
0.0000, 0.0000, 0.0000



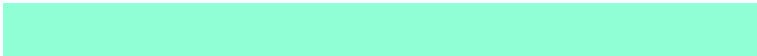
21.4041, 0.3127, 0.3290

Same Dimension

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



79.4666, 0.2794, 0.3688



82.3592, 0.2736, 0.3790



76.1013, 0.2613, 0.3188



19.4884, 0.3032, 0.3383



37.5240, 0.2614, 0.4610



3.4961, 0.2565, 0.4434

Inverse Universe

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



48.9841, 0.3648, 0.2929



45.2347, 0.3811, 0.2852



50.7888, 0.3949, 0.3388



17.3361, 0.3233, 0.3199



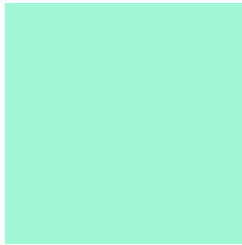
11.2594, 0.5439, 0.2770



1.0628, 0.5118, 0.2593

Previews

White Background



This preview shows how the Yxy color 79.4634, 0.2794, 0.3688 looks on a white background.

Color Contrast Check

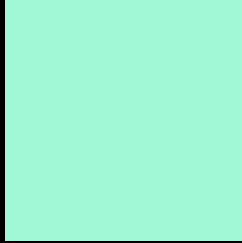
Large Text (above 18pt) WCAG AA × Fail

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 79.4634, 0.2794, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

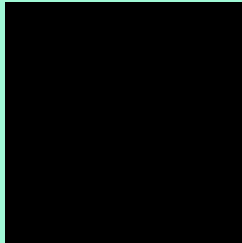
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4634, 0.2794, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 79.4634, 0.2794, 0.3688.

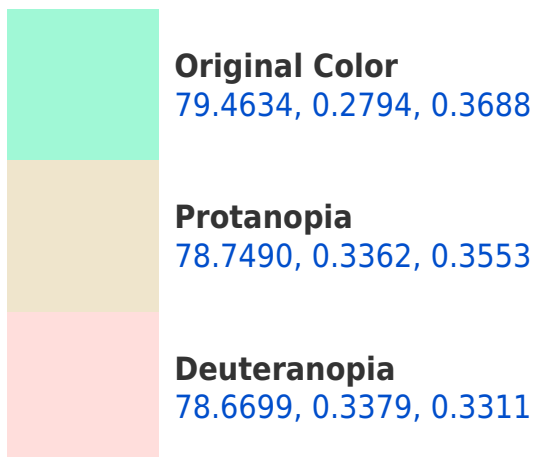


This preview shows how white text looks on a background with the Yxy color 79.4634, 0.2794, 0.3688.

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

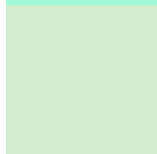
79.1434, 0.2703, 0.3115

Trichromacy



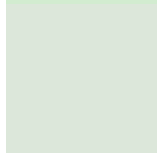
Original Color

79.4634, 0.2794, 0.3688



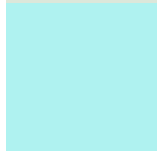
Protanomaly

78.2466, 0.3126, 0.3599



Deuteranomaly

77.4294, 0.3134, 0.3430



Tritanomaly

78.9095, 0.2734, 0.3311

Monochromacy



Original Color

79.4634, 0.2794, 0.3688



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

72.9187, 0.2986, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4634, 0.2794, 0.3688 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(160, 248, 214)` looks like.

```
.text, #text, p{  
    color:rgb(160, 248, 214)  
}
```

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(160, 248, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 248, 214) }
```

Border

The CSS property to change the border of an element to Yxy 79.4634, 0.2794, 0.3688 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(160, 248, 214) }
```

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

```
.border{ border-color:rgb(160, 248, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 248, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 248, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 248, 214);  
box-shadow:4px 4px 4px 4px rgb(160, 248,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4634, 0.2794, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 248, 214) }
```

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

```
.background{ background-color: rgb(160,  
248, 214) }
```

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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