

Converting Colors

$Yxy(74.5802, 0.2996, 0.3923)$

Have a look what the booklet for
Yxy(74.5802, 0.2996, 0.3923)
contains.

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Color

Yxy(74.5660, 0.2998, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	ABF0BB
RGB	171, 240, 187
RGB Percent	67%, 94%, 73%
CMY	0.3293, 0.0588, 0.2668
CMYK	0.29, 0.00, 0.22, 0.06
HSL	134°, 70%, 81%
HSV	134°, 29%, 94%
XYZ	56.9261, 74.5660, 58.3882
YIQ	213.3270, -24.1110, -31.1110

Conversions

Conversions Part 2

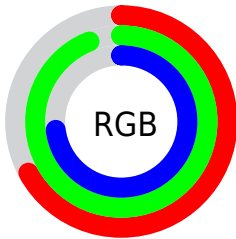
Format	Color
RYB	171, 227, 240
Decimal	11268283
CIELab	89.19, -31.94, 18.87
CIELCh	89, 37.098, 149.418
Yxy	74.5660, 0.2998, 0.3927
Android (android.graphics.Color)	4289458363 (0xFFABF0BB)
YUV	213.3270, -12.9792, -37.1208
Hunter-Lab	86.3516, -33.4416, 20.3561

Details

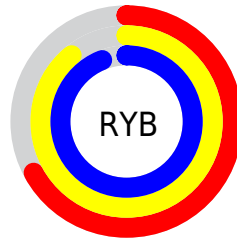
The Yxy color **74.5660, 0.2998, 0.3927** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.0477, 0.3290, 0.2728**, and the grayscale version is **66.8745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4850, 0.3030, 0.3411**, and **39.7841, 0.2958, 0.4090** is the 20% darker color. If you saturate the color by 10%, you get **71.3735, 0.2958, 0.4196**, and if you desaturate by 10%, it is **78.3556, 0.3042, 0.3681**.

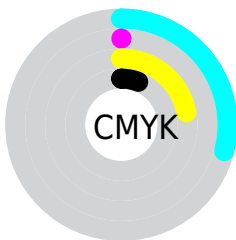
Distribution



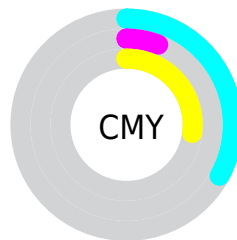
- Red (67%)
- Green (94%)
- Blue (73%)



- Red (67%)
- Yellow (89%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)




- Cyan (33%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5660, 0.2998, 0.3927 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 74.5660, 0.2998, 0.3927 by changing the saturation by 10% instead.


 74.5660, 0.2998,
0.3927

 74.5660, 0.2998,
0.3927


476.4245, 0.3064,
0.3621

 55.2574, 0.2981,
0.4000


 125.6978, 0.3022,
0.3818

 39.6079, 0.2960,
0.4091


158.2899, 0.3031,
0.3777

 27.2329, 0.2931,
0.4210


196.0785, 0.3039,
0.3741

 17.7482, 0.2891,
0.4369

239.4481, 0.3045,
0.3711

 10.7694, 0.2832,
0.4592

288.7831, 0.3051,
0.3684

 5.9120, 0.2737,
0.4928


344.4680, 0.3056,

 2.7916, 0.2564,


0.3660

0.5484


406.8870, 0.3060,
0.3639


 1.0239, 0.1546,
0.8454


 0.0000, 0.0000,
0.0000


 74.5660, 0.2998,
0.3927


 74.5660, 0.2998,
0.3927


 71.3735, 0.2958,
0.4196


 78.3556, 0.3042,
0.3681


 68.7385, 0.2924,
0.4482

 82.7611, 0.3087,
0.3461

 66.6309, 0.2900,
0.4776

 87.8120, 0.3133,
0.3267

 65.0141, 0.2887,
0.5066

 90.8013, 0.3134,
0.3146

■ 63.8467, 0.2889,
0.5335

■ 63.0800, 0.2905,
0.5566

■ 62.6443, 0.2932,
0.5748

■ 62.6017, 0.2935,
0.5768

Harmonies

Analogous

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



74.5660, 0.3438, 0.4090



74.5660, 0.2998, 0.3927



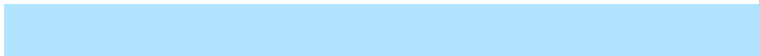
74.5660, 0.2611, 0.3549

Triad

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



74.5660, 0.2998, 0.3927



74.5660, 0.2462, 0.2597



74.5660, 0.3946, 0.3377

Complementary

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



74.5660, 0.2998, 0.3927



53.0477, 0.3290, 0.2728

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.



74.5660, 0.3648, 0.3031



74.5660, 0.2998, 0.3927



74.5660, 0.2778, 0.2597

Square

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



74.5660, 0.2998, 0.3927



74.5660, 0.2319, 0.2772



74.5660, 0.3211, 0.2754



74.5660, 0.4003, 0.3727

Rectangle

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



74.5660, 0.2998, 0.3927



74.5660, 0.2430, 0.3254



74.5660, 0.3211, 0.2754



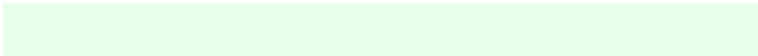
74.5660, 0.3870, 0.3258

Sweetspot

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



74.5691, 0.2998, 0.3927



94.8193, 0.3086, 0.3467



81.2796, 0.3455, 0.4035



20.1282, 0.3079, 0.3498



0.0000, 0.0000, 0.0000



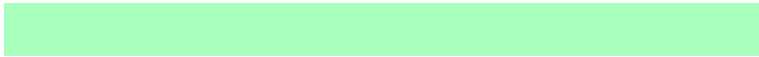
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5691, 0.2998, 0.3927



83.5232, 0.2976, 0.4069



76.1742, 0.2813, 0.3516



17.7162, 0.3084, 0.3477



34.2853, 0.2929, 0.5743



2.8670, 0.2861, 0.5500

Inverse Universe

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



53.0477, 0.3290, 0.2728



55.3721, 0.3328, 0.2622



51.4053, 0.3583, 0.3077



15.9653, 0.3173, 0.3110



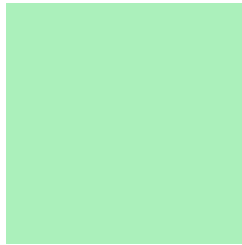
12.0691, 0.3896, 0.1920



1.0190, 0.3787, 0.1860

Previews

White Background



This preview shows how the Yxy color 74.5660, 0.2998, 0.3927 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 74.5660, 0.2998, 0.3927 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 74.5660, 0.2998, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 74.5660, 0.2998, 0.3927.

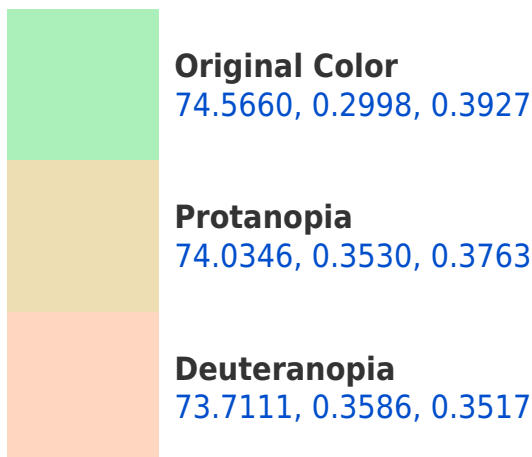


This preview shows how white text looks on a background with the Yxy color 74.5660, 0.2998, 0.3927.

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

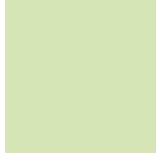
74.6826, 0.2716, 0.3090

Trichromacy



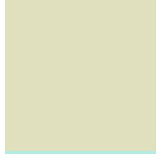
Original Color

74.5660, 0.2998, 0.3927



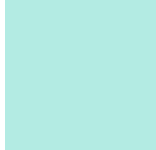
Protanomaly

73.5622, 0.3319, 0.3820



Deuteranomaly

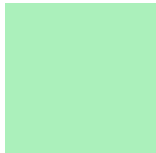
72.9202, 0.3347, 0.3654



Tritanomaly

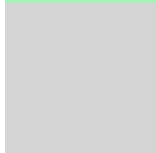
74.5464, 0.2819, 0.3381

Monochromacy



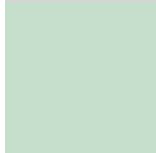
Original Color

74.5660, 0.2998, 0.3927



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

69.1408, 0.3075, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5660, 0.2998, 0.3927 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, 240, 187)` looks like.

```
.text, #text, p{  
    color:rgb(171, 240, 187)  
}
```

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, 240, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 240, 187) }
```

Border

The CSS property to change the border of an element to Yxy 74.5660, 0.2998, 0.3927 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, 240, 187) }
```

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

```
.border{ border-color:rgb(171, 240, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 240, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 240, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 240, 187);  
box-shadow:4px 4px 4px 4px rgb(171, 240,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5660, 0.2998, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 240, 187) }
```

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

```
.background{ background-color: rgb(171,  
240, 187) }
```

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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