

Converting Colors

$Yxy(74.9482, 0.2929, 0.3770)$

Have a look what the booklet for
Yxy(74.9482, 0.2929, 0.3770)
contains.

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Color

Yxy(75.1016, 0.2930, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	ABF0C7
RGB	171, 240, 199
RGB Percent	67%, 94%, 78%
CMY	0.3296, 0.0588, 0.2195
CMYK	0.29, 0.00, 0.17, 0.06
HSL	144°, 70%, 81%
HSV	144°, 29%, 94%
XYZ	58.2599, 75.1016, 65.4778
YIQ	214.6950, -27.9630, -27.3790

Conversions

Conversions Part 2

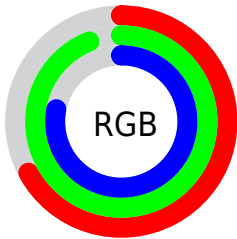
Format	Color
RYB	171, 220, 240
Decimal	11268295
CIELab	89.44, -29.75, 12.98
CIElCh	89, 32.462, 156.431
Yxy	75.1016, 0.2930, 0.3777
Android (android.graphics.Color)	4289458375 (0xFFABF0C7)
YUV	214.6950, -7.7376, -38.3205
Hunter-Lab	86.6612, -31.6565, 15.8656

Details

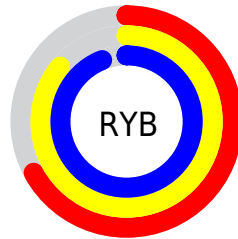
The Yxy color **75.1016, 0.2930, 0.3777** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.3886, 0.3393, 0.2850**, and the grayscale version is **67.8034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **40.1072, 0.2882, 0.3907** is the 20% darker color. If you saturate the color by 10%, you get **72.0194, 0.2870, 0.3981**, and if you desaturate by 10%, it is **78.7413, 0.2996, 0.3590**.

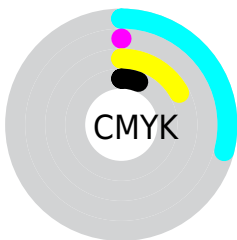
Distribution



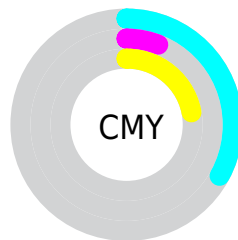
- Red (67%)
- Green (94%)
- Blue (78%)



- Red (67%)
- Yellow (86%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (6%)





- Cyan (33%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1016, 0.2930, 0.3777 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 75.1016, 0.2930, 0.3777 by changing the saturation by 10% instead.


 75.1016, 0.2930,
0.3777

 75.1016, 0.2930,
0.3777


478.2667, 0.3025,
0.3545

 55.6961, 0.2908,
0.3832


 126.4562, 0.2964,
0.3695

 39.9593, 0.2879,
0.3900


159.1741, 0.2976,
0.3664

 27.5068, 0.2843,
0.3989


197.0982, 0.2987,
0.3637

 17.9542, 0.2794,
0.4107

240.6130, 0.2997,
0.3613

 10.9171, 0.2725,
0.4272

290.1029, 0.3005,
0.3593

 6.0111, 0.2621,
0.4521


345.9522, 0.3012,

 2.8519, 0.2447,


0.3575


0.4931


408.5453, 0.3019,
0.3559


 1.0549, 0.1720,
0.6795


 0.0000, 0.0000,
0.0000


 75.1016, 0.2930,
0.3777


 75.1016, 0.2930,
0.3777


 72.0194, 0.2870,
0.3981

 78.7413, 0.2996,
0.3590


 69.4570, 0.2820,
0.4201

 82.9552, 0.3065,
0.3422

 67.3870, 0.2783,
0.4431

 87.7710, 0.3136,
0.3273

 65.7750, 0.2763,
0.4665

 90.8060, 0.3134,
0.3146

■ 64.5824, 0.2760,
0.4896

■ 63.7637, 0.2778,
0.5115

■ 63.2523, 0.2811,
0.5313

■ 63.1999, 0.2816,
0.5336

Harmonies

Analogous

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



75.1016, 0.3314, 0.3971



75.1016, 0.2930, 0.3777



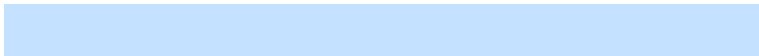
75.1016, 0.2612, 0.3427

Triad

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



75.1016, 0.2930, 0.3777



75.1016, 0.2595, 0.2666



75.1016, 0.3873, 0.3446

Complementary

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



75.1016, 0.2930, 0.3777



52.3886, 0.3393, 0.2850

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.



75.1016, 0.3657, 0.3132



75.1016, 0.2930, 0.3777



75.1016, 0.2906, 0.2699

Square

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



75.1016, 0.2930, 0.3777



75.1016, 0.2429, 0.2788



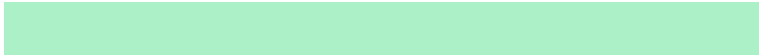
75.1016, 0.3295, 0.2866



75.1016, 0.3872, 0.3744

Rectangle

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



75.1016, 0.2930, 0.3777



75.1016, 0.2475, 0.3175



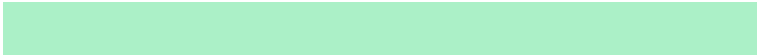
75.1016, 0.3295, 0.2866



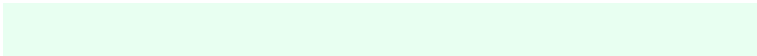
75.1016, 0.3823, 0.3340

Sweetspot

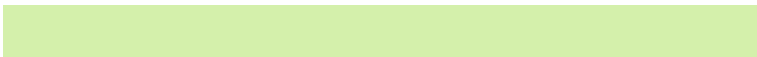
The Sweet Spot groups the original color and five complimentary colors.



75.1047, 0.2930, 0.3777



95.0578, 0.3063, 0.3426



79.3200, 0.3365, 0.4058



20.1867, 0.3053, 0.3450



0.0000, 0.0000, 0.0000



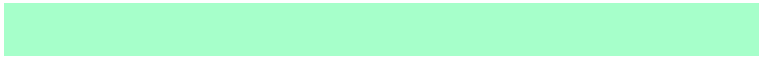
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1047, 0.2930, 0.3777



83.8660, 0.2891, 0.3905



76.8688, 0.2746, 0.3368



17.7629, 0.3060, 0.3433



34.6182, 0.2807, 0.5306



2.8991, 0.2734, 0.5044

Inverse Universe

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



52.3886, 0.3393, 0.2850



53.5411, 0.3471, 0.2750



50.8473, 0.3700, 0.3215



15.9163, 0.3200, 0.3151



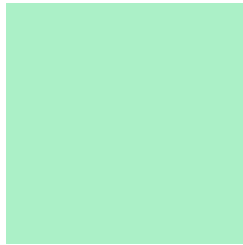
11.2442, 0.4567, 0.2289



0.9551, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 75.1016, 0.2930, 0.3777 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 75.1016, 0.2930, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

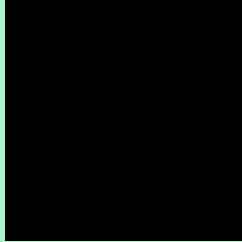
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1016, 0.2930, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 75.1016, 0.2930, 0.3777.

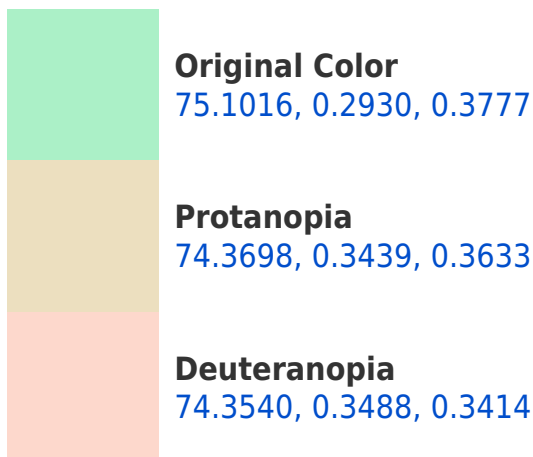


This preview shows how white text looks on a background with the Yxy color 75.1016, 0.2930, 0.3777.

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

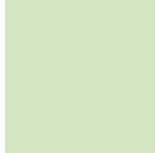
75.0666, 0.2700, 0.3090

Trichromacy



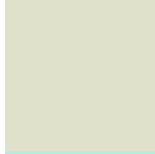
Original Color

75.1016, 0.2930, 0.3777



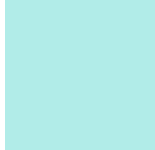
Protanomaly

73.9307, 0.3234, 0.3683



Deuteranomaly

73.8027, 0.3264, 0.3542



Tritanomaly

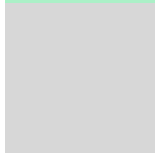
75.1642, 0.2781, 0.3335

Monochromacy



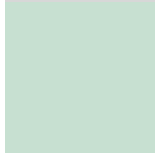
Original Color

75.1016, 0.2930, 0.3777



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.0569, 0.3050, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1016, 0.2930, 0.3777 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 240, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 240, 199) }
```

Border

The CSS property to change the border of an element to Yxy 75.1016, 0.2930, 0.3777 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, 199) }
```

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

```
.border{ border-color:rgb(171, 240, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 240, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 240, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 240,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1016, 0.2930, 0.3777 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, 199) }
```

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

```
.background{ background-color: rgb(171,  
240, 199) }
```

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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