

Converting Colors

$Yxy(75.1573, 0.2918, 0.3816)$

Have a look what the booklet for
Yxy(75.1573, 0.2918, 0.3816)
contains.

Yxy(75.1573, 0.2918, 0.3816)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.1573, 0.2918, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	A7F1C5
RGB	167, 241, 197
RGB Percent	65%, 95%, 77%
CMY	0.3452, 0.0549, 0.2273
CMYK	0.31, 0.00, 0.18, 0.05
HSL	144°, 73%, 80%
HSV	144°, 31%, 95%
XYZ	57.4709, 75.1573, 64.3249
YIQ	213.8580, -29.9800, -29.3720

Conversions

Conversions Part 2

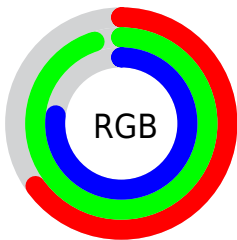
Format	Color
RYB	167, 220, 241
Decimal	11006405
CIELab	89.47, -31.79, 14.02
CIElCh	89, 34.748, 156.201
Yxy	75.1573, 0.2918, 0.3816
Android (android.graphics.Color)	4289196485 (0xFFA7F1C5)
YUV	213.8580, -8.3110, -41.0945
Hunter-Lab	86.6933, -33.3817, 16.6932

Details

The Yxy color **75.1573, 0.2918, 0.3816** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.0347, 0.3416, 0.2819**, and the grayscale version is **67.2183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5231, 0.2946, 0.3300**, and **40.1918, 0.2868, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **72.1503, 0.2860, 0.4024**, and if you desaturate by 10%, it is **78.7219, 0.2983, 0.3626**.

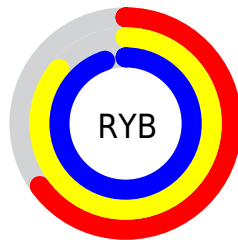
Distribution



Red (65%)

Green (95%)

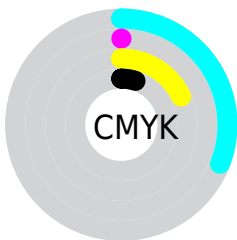
Blue (77%)



Red (65%)

Yellow (86%)

Blue (95%)

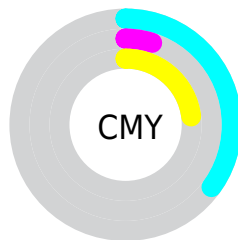


Cyan (31%)

Magenta (0%)

Yellow (18%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1573, 0.2918, 0.3816 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 75.1573, 0.2918, 0.3816 by changing the saturation by 10% instead.


 75.1573, 0.2918,
0.3816


 75.1573, 0.2918,
0.3816


478.4581, 0.3019,
0.3565

 55.7418, 0.2894,
0.3875


 126.5350, 0.2954,
0.3727

 39.9959, 0.2864,
0.3950


 159.2660, 0.2967,
0.3693

 27.5354, 0.2825,
0.4046


197.2042, 0.2979,
0.3664

 17.9757, 0.2772,
0.4175

240.7341, 0.2989,
0.3639

 10.9325, 0.2698,
0.4355

290.2400, 0.2998,
0.3617

 6.0215, 0.2585,
0.4626


346.1064, 0.3006,

 2.8582, 0.2396,


0.3597


0.5074


408.7176, 0.3013,
0.3580


 1.0581, 0.1529,
0.7354


 0.0000, 0.0000,
0.0000


 75.1573, 0.2918,
0.3816

 75.1573, 0.2918,
0.3816

 72.1503, 0.2860,
0.4024


 78.7219, 0.2983,
0.3626

 69.6626, 0.2812,
0.4246

 82.8616, 0.3052,
0.3454

 67.6657, 0.2778,
0.4478

 87.6045, 0.3122,
0.3300

 66.1243, 0.2761,
0.4713

 91.3482, 0.3138,
0.3162

■ 64.9981, 0.2763,
0.4942

■ 91.3933, 0.3133,
0.3156

■ 64.2393, 0.2784,
0.5157

■ 63.7925, 0.2816,
0.5338

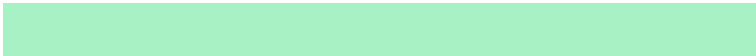
Harmonies

Analogous

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



75.1573, 0.3328, 0.4022



75.1573, 0.2918, 0.3816



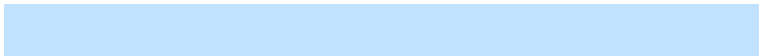
75.1573, 0.2579, 0.3439

Triad

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



75.1573, 0.2918, 0.3816



75.1573, 0.2558, 0.2625



75.1573, 0.3925, 0.3451

Complementary

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



75.1573, 0.2918, 0.3816



51.0347, 0.3416, 0.2819

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.



75.1573, 0.3692, 0.3118



75.1573, 0.2918, 0.3816



75.1573, 0.2886, 0.2660

Square

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



75.1573, 0.2918, 0.3816



75.1573, 0.2383, 0.2754



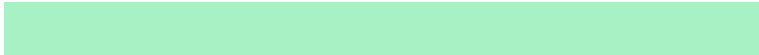
75.1573, 0.3303, 0.2837



75.1573, 0.3925, 0.3769

Rectangle

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



75.1573, 0.2918, 0.3816



75.1573, 0.2433, 0.3168



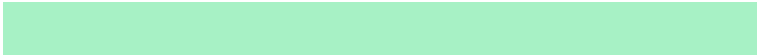
75.1573, 0.3303, 0.2837



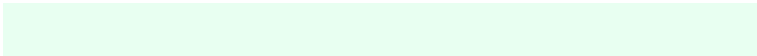
75.1573, 0.3872, 0.3338

Sweetspot

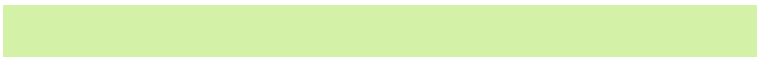
The Sweet Spot groups the original color and five complimentary colors.



75.1604, 0.2918, 0.3816



95.0571, 0.3063, 0.3426



79.6104, 0.3380, 0.4114



20.1865, 0.3053, 0.3450



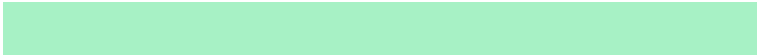
0.0000, 0.0000, 0.0000



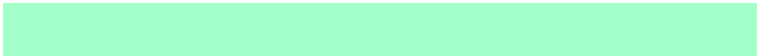
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1604, 0.2918, 0.3816



83.1825, 0.2880, 0.3947



77.0450, 0.2723, 0.3374



17.7628, 0.3060, 0.3434



34.6169, 0.2808, 0.5308



2.8990, 0.2735, 0.5045

Inverse Universe

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



51.0347, 0.3416, 0.2819



51.6212, 0.3496, 0.2718



49.4052, 0.3754, 0.3210



15.9164, 0.3200, 0.3151



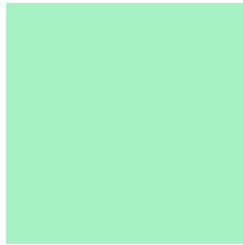
11.2462, 0.4564, 0.2288



0.9552, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 75.1573, 0.2918, 0.3816 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 75.1573, 0.2918, 0.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

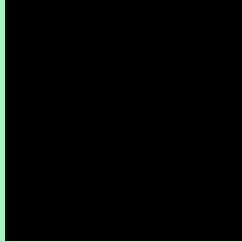
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1573, 0.2918, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 75.1573, 0.2918, 0.3816.

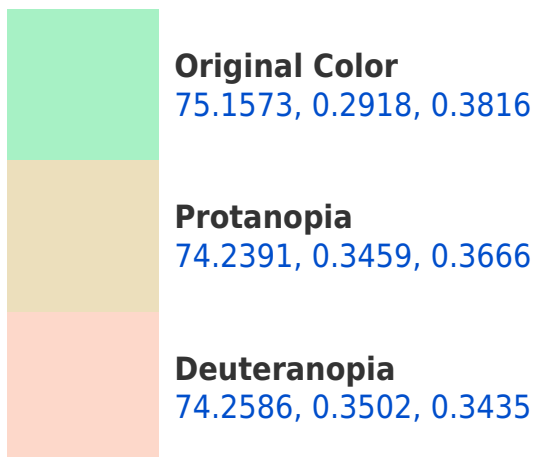


This preview shows how white text looks on a background with the Yxy color 75.1573, 0.2918, 0.3816.

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

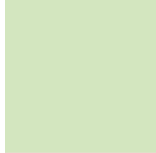
74.7711, 0.2678, 0.3078

Trichromacy



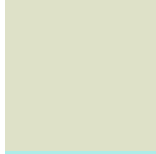
Original Color

75.1573, 0.2918, 0.3816



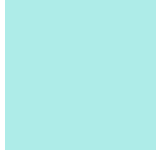
Protanomaly

74.2041, 0.3245, 0.3729



Deuteranomaly

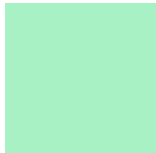
73.5502, 0.3271, 0.3565



Tritanomaly

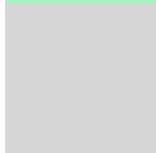
74.8158, 0.2764, 0.3335

Monochromacy



Original Color

75.1573, 0.2918, 0.3816



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.7357, 0.3042, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1573, 0.2918, 0.3816 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(167, 241, 197)` looks like.

```
.text, #text, p{  
    color:rgb(167, 241, 197)  
}
```

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(167, 241, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 241, 197) }
```

Border

The CSS property to change the border of an element to Yxy 75.1573, 0.2918, 0.3816 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(167, 241, 197) }
```

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

```
.border{ border-color:rgb(167, 241, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 241, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 241, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 241, 197);  
box-shadow:4px 4px 4px 4px rgb(167, 241,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1573, 0.2918, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 241, 197) }
```

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

```
.background{ background-color: rgb(167,  
241, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor