

Converting Colors

$Yxy(75.5526, 0.3003, 0.3974)$

Have a look what the booklet for
Yxy(75.5526, 0.3003, 0.3974)
contains.

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Color

Yxy(75.5531, 0.3003, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	AAF2B9
RGB	170, 242, 185
RGB Percent	67%, 95%, 73%
CMY	0.3332, 0.0510, 0.2745
CMYK	0.30, 0.00, 0.24, 0.05
HSL	132°, 73%, 81%
HSV	132°, 30%, 95%
XYZ	57.0926, 75.5531, 57.4728
YIQ	213.9740, -24.6150, -32.9910

Conversions

Conversions Part 2

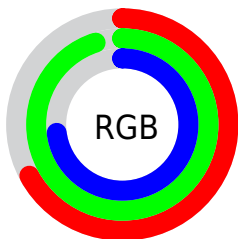
Format	Color
RYB	170, 230, 242
Decimal	11203257
CIELab	89.65, -33.52, 20.52
CIELCh	90, 39.304, 148.520
Yxy	75.5531, 0.3003, 0.3974
Android (android.graphics.Color)	4289393337 (0xFFAAF2B9)
YUV	213.9740, -14.2842, -38.5652
Hunter-Lab	86.9213, -34.8679, 21.6420

Details

The Yxy color **75.5531, 0.3003, 0.3974** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **53.1888, 0.3283, 0.2692**, and the grayscale version is **67.3439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2018, 0.3035, 0.3431**, and **40.4968, 0.2965, 0.4152** is the 20% darker color. If you saturate the color by 10%, you get **72.3464, 0.2966, 0.4253**, and if you desaturate by 10%, it is **79.3717, 0.3044, 0.3718**.

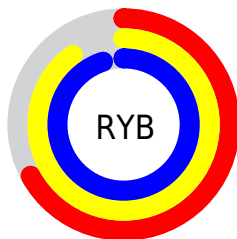
Distribution



Red (67%)

Green (95%)

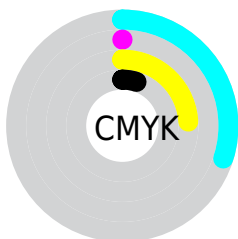
Blue (73%)



Red (67%)

Yellow (90%)

Blue (95%)

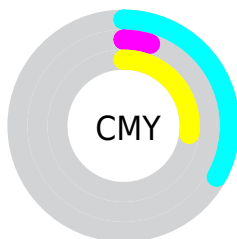


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (33%)


Magenta (5%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5531, 0.3003, 0.3974 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 75.5531, 0.3003, 0.3974 by changing the saturation by 10% instead.


 75.5531, 0.3003,
0.3974

 75.5531, 0.3003,
0.3974

479.8165, 0.3068,
0.3645

 56.0661, 0.2986,
0.4052


 127.0950, 0.3027,
0.3857

 40.2559, 0.2965,
0.4150


159.9187, 0.3036,
0.3813

 27.7382, 0.2936,
0.4277


197.9568, 0.3043,
0.3775

 18.1284, 0.2896,
0.4447

241.5936, 0.3049,
0.3742

 11.0422, 0.2836,
0.4686

291.2136, 0.3055,
0.3713

 6.0952, 0.2738,
0.5044


347.2012, 0.3060,


 2.9031, 0.2558,


0.3688


0.5631

409.9407, 0.3064,
0.3665


 1.0813, 0.1543,
0.8457


 0.0000, 0.0000,
0.0000


 75.5531, 0.3003,
0.3974


 75.5531, 0.3003,
0.3974


 72.3464, 0.2966,
0.4253


 79.3717, 0.3044,
0.3718


 69.7104, 0.2935,
0.4549

 83.8221, 0.3086,
0.3488

 67.6140, 0.2913,
0.4852

 88.9346, 0.3128,
0.3285

 66.0187, 0.2902,
0.5145

 91.9830, 0.3133,
0.3165

■ 64.8810, 0.2905,
0.5412

■ 64.1498, 0.2921,
0.5636

■ 63.7447, 0.2946,
0.5805

■ 63.7361, 0.2947,
0.5809

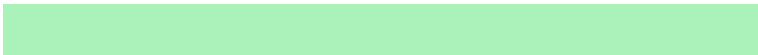
Harmonies

Analogous

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



75.5531, 0.3466, 0.4137



75.5531, 0.3003, 0.3974



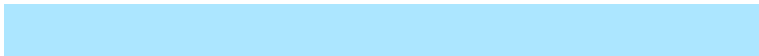
75.5531, 0.2593, 0.3577

Triad

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



75.5531, 0.3003, 0.3974



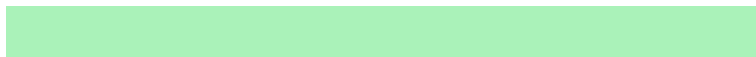
75.5531, 0.2421, 0.2564



75.5531, 0.3986, 0.3368

Complementary

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



75.5531, 0.3003, 0.3974



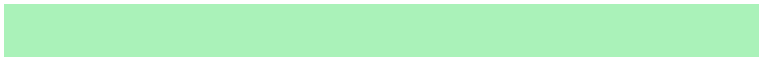
53.1888, 0.3283, 0.2692

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.



75.5531, 0.3664, 0.3007



75.5531, 0.3003, 0.3974



75.5531, 0.2747, 0.2560

Square

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



75.5531, 0.3003, 0.3974



75.5531, 0.2277, 0.2751



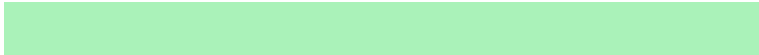
75.5531, 0.3200, 0.2720



75.5531, 0.4053, 0.3736

Rectangle

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



75.5531, 0.3003, 0.3974



75.5531, 0.2401, 0.3264



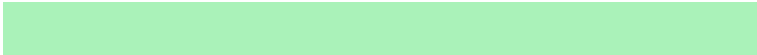
75.5531, 0.3200, 0.2720



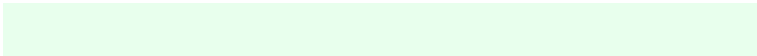
75.5531, 0.3903, 0.3243

Sweetspot

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



75.5563, 0.3003, 0.3974



94.7882, 0.3089, 0.3473



82.8364, 0.3474, 0.4060



20.1206, 0.3083, 0.3504



0.0000, 0.0000, 0.0000



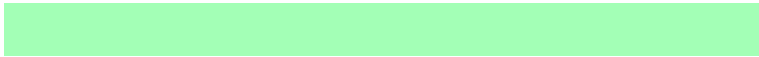
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5563, 0.3003, 0.3974



82.7170, 0.2979, 0.4149



77.2425, 0.2809, 0.3540



17.7102, 0.3087, 0.3482



34.2561, 0.2940, 0.5786



2.8638, 0.2875, 0.5551

Inverse Universe

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



53.1888, 0.3283, 0.2692



53.5764, 0.3325, 0.2563



51.4301, 0.3593, 0.3056



15.9718, 0.3170, 0.3105



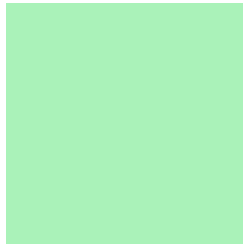
12.1984, 0.3817, 0.1876



1.0288, 0.3721, 0.1823

Previews

White Background



This preview shows how the Yxy color 75.5531, 0.3003, 0.3974 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 75.5531, 0.3003, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

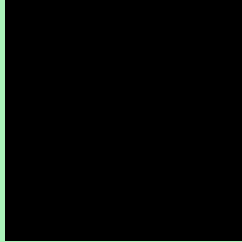
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

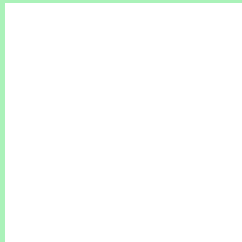
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5531, 0.3003, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 75.5531, 0.3003, 0.3974.

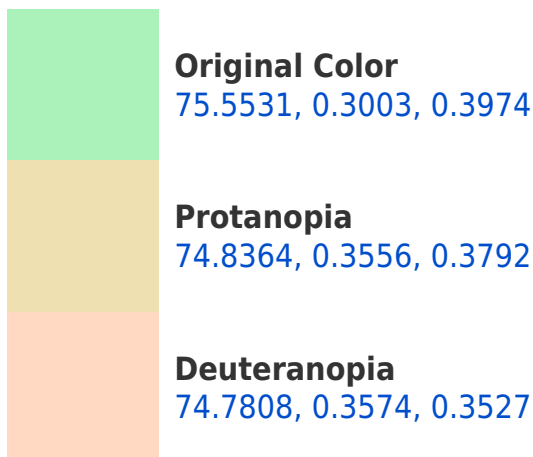


This preview shows how white text looks on a background with the Yxy color 75.5531, 0.3003, 0.3974.

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

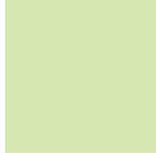
75.3734, 0.2706, 0.3079

Trichromacy



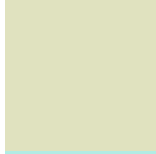
Original Color

75.5531, 0.3003, 0.3974



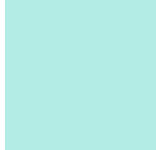
Protanomaly

74.7433, 0.3336, 0.3863



Deuteranomaly

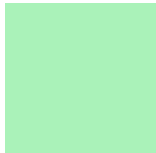
74.0016, 0.3344, 0.3675



Tritanomaly

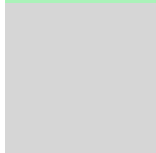
75.0573, 0.2809, 0.3381

Monochromacy



Original Color

75.5531, 0.3003, 0.3974



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.6289, 0.3081, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5531, 0.3003, 0.3974 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(170, 242, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 242, 185)  
}
```

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(170, 242, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 242, 185) }
```

Border

The CSS property to change the border of an element to Yxy 75.5531, 0.3003, 0.3974 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(170, 242, 185) }
```

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

```
.border{ border-color:rgb(170, 242, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 242, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 242, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 242, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 242,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5531, 0.3003, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 242, 185) }
```

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

```
.background{ background-color: rgb(170,  
242, 185) }
```

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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