

Converting Colors

$Yxy(73.8853, 0.3085, 0.4192)$

Have a look what the booklet for
Yxy(73.8853, 0.3085, 0.4192)
contains.

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Color

Yxy(73.9161, 0.3085, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	A7F1A7
RGB	167, 241, 167
RGB Percent	65%, 95%, 65%
CMY	0.3450, 0.0549, 0.3451
CMYK	0.31, 0.00, 0.31, 0.05
HSL	120°, 73%, 80%
HSV	120°, 31%, 95%
XYZ	54.3708, 73.9161, 47.9556
YIQ	210.4380, -20.3500, -38.7020

Conversions

Conversions Part 2

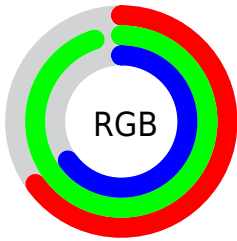
Format	Color
RYB	167, 241, 241
Decimal	11006375
CIELab	88.88, -37.02, 28.66
CIELCh	89, 46.820, 142.249
Yxy	73.9161, 0.3085, 0.4194
Android (android.graphics.Color)	4289196455 (0xFFA7F1A7)
YUV	210.4380, -21.4149, -38.0951
Hunter-Lab	85.9745, -37.5708, 27.1108

Details

The Yxy color **73.9161, 0.3085, 0.4194** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.6788, 0.3163, 0.2526**, and the grayscale version is **64.9106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6950, 0.3118, 0.3621**, and **38.9406, 0.3058, 0.4434** is the 20% darker color. If you saturate the color by 10%, you get **70.7252, 0.3068, 0.4547**, and if you desaturate by 10%, it is **77.7679, 0.3100, 0.3865**.

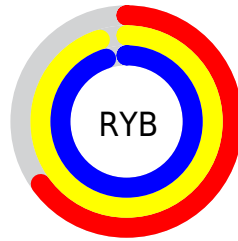
Distribution



Red (65%)

Green (95%)

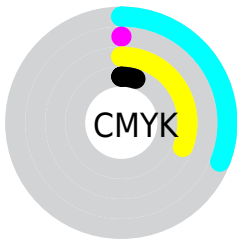
Blue (65%)



Red (65%)

Yellow (95%)

Blue (95%)

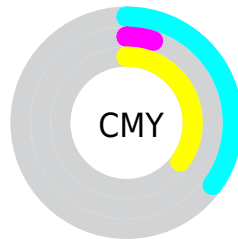


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9161, 0.3085, 0.4194 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 73.9161, 0.3085, 0.4194 by changing the saturation by 10% instead.


 73.9161, 0.3085,
0.4194


 73.9161, 0.3085,
0.4194


474.1838, 0.3117,
0.3754

 54.7254, 0.3074,
0.4299


 124.7769, 0.3099,
0.4037

 39.1819, 0.3059,
0.4432


 157.2157, 0.3103,
0.3978

 26.9013, 0.3036,
0.4604


194.8393, 0.3107,
0.3927

 17.4991, 0.3001,
0.4834

238.0322, 0.3110,
0.3883

 10.5910, 0.2942,
0.5157

287.1787, 0.3112,
0.3845

 5.7925, 0.2833,
0.5636


342.6632, 0.3114,

 2.7193, 0.2701,


0.3811


0.6635


404.8701, 0.3116,
0.3781


 0.9870, 0.0304,
0.9696

 0.0000, 0.0000,
0.0000


 73.9161, 0.3085,
0.4194


 73.9161, 0.3085,
0.4194

 70.7252, 0.3068,
0.4547


 77.7679, 0.3100,
0.3865

 68.1494, 0.3052,
0.4909

 82.3049, 0.3114,
0.3568

 66.1518, 0.3035,
0.5256

 87.5614, 0.3126,
0.3307

 64.6879, 0.3021,
0.5559

 91.3905, 0.3133,
0.3156

■ 63.7065, 0.3010,
0.5791

■ 63.1464, 0.3003,
0.5936

■ 62.9114, 0.3000,
0.6000

Harmonies

Analogous

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



73.9161, 0.3631, 0.4307



73.9161, 0.3085, 0.4194



73.9161, 0.2577, 0.3752

Triad

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



73.9161, 0.3085, 0.4194



73.9161, 0.2238, 0.2456



73.9161, 0.4101, 0.3279

Complementary

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



73.9161, 0.3085, 0.4194



52.6788, 0.3163, 0.2526

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.



73.9161, 0.3660, 0.2873



73.9161, 0.3085, 0.4194



73.9161, 0.2576, 0.2415

Square

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



73.9161, 0.3085, 0.4194



73.9161, 0.2119, 0.2714



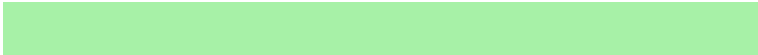
73.9161, 0.3089, 0.2566



73.9161, 0.4248, 0.3717

Rectangle

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



73.9161, 0.3085, 0.4194



73.9161, 0.2325, 0.3369



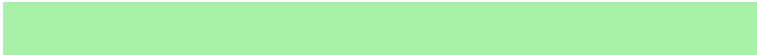
73.9161, 0.3089, 0.2566



73.9161, 0.3981, 0.3136

Sweetspot

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



73.9192, 0.3085, 0.4194



94.5153, 0.3116, 0.3522



83.6732, 0.3595, 0.4046



20.0540, 0.3114, 0.3562



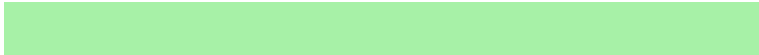
0.0000, 0.0000, 0.0000



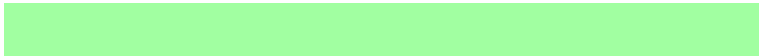
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9192, 0.3085, 0.4194



81.6270, 0.3075, 0.4418



75.4255, 0.2887, 0.3745



17.6568, 0.3116, 0.3534



34.1157, 0.3000, 0.6000



2.8383, 0.3000, 0.6000

Inverse Universe

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



52.6788, 0.3163, 0.2526



53.8377, 0.3170, 0.2372



50.7539, 0.3467, 0.2878



16.0310, 0.3138, 0.3057



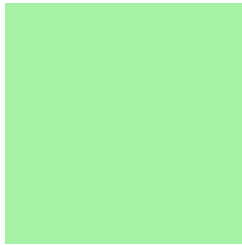
13.5725, 0.3208, 0.1541



1.1292, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 73.9161, 0.3085, 0.4194 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 73.9161, 0.3085, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

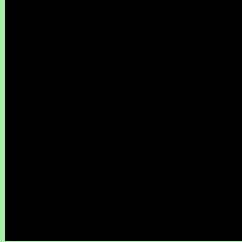
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9161, 0.3085, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 73.9161, 0.3085, 0.4194.

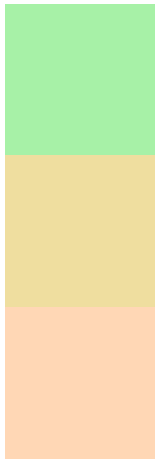


This preview shows how white text looks on a background with the Yxy color 73.9161, 0.3085, 0.4194.

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



Original Color

73.9161, 0.3085, 0.4194

Protanopia

73.0965, 0.3686, 0.3964

Deuteranopia

73.1971, 0.3675, 0.3641



Tritanopia

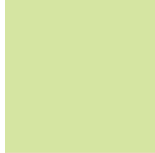
73.9365, 0.2714, 0.3089

Trichromacy



Original Color

73.9161, 0.3085, 0.4194



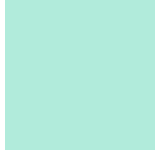
Protanomaly

72.7934, 0.3448, 0.4050



Deuteranomaly

72.1339, 0.3442, 0.3824



Tritanomaly

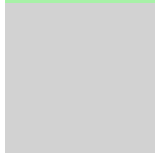
73.8782, 0.2852, 0.3475

Monochromacy



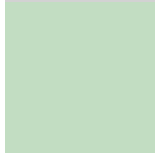
Original Color

73.9161, 0.3085, 0.4194



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.0773, 0.3112, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9161, 0.3085, 0.4194 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, 167)` looks like.

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

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, 167) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 73.9161, 0.3085, 0.4194 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, 167) }
```

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

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

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, 167)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 73.9161, 0.3085, 0.4194 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, 167) }
```

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

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

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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