

Converting Colors

$Yxy(75.0361, 0.2933, 0.3850)$

Have a look what the booklet for
Yxy(75.0361, 0.2933, 0.3850)
contains.

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Color

Yxy(75.0211, 0.2935, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	A7F1C2
RGB	167, 241, 194
RGB Percent	65%, 95%, 76%
CMY	0.3450, 0.0549, 0.2392
CMYK	0.31, 0.00, 0.20, 0.05
HSL	142°, 73%, 80%
HSV	142°, 31%, 95%
XYZ	57.1321, 75.0211, 62.5046
YIQ	213.5160, -29.0170, -30.3050

Conversions

Conversions Part 2

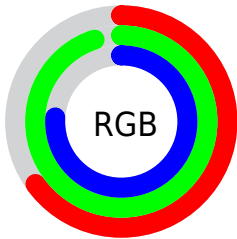
Format	Color
RYB	167, 221, 241
Decimal	11006402
CIELab	89.40, -32.35, 15.51
CIELCh	89, 35.877, 154.385
Yxy	75.0211, 0.2935, 0.3854
Android (android.graphics.Color)	4289196482 (0xFFA7F1C2)
YUV	213.5160, -9.6214, -40.7945
Hunter-Lab	86.6147, -33.8351, 17.8443

Details

The Yxy color **75.0211, 0.2935, 0.3854** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **51.2035, 0.3388, 0.2788**, and the grayscale version is **66.9879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3323, 0.2962, 0.3330**, and **40.1021, 0.2889, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **71.9860, 0.2882, 0.4077**, and if you desaturate by 10%, it is **78.6225, 0.2995, 0.3649**.

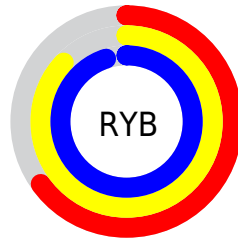
Distribution



Red (65%)

Green (95%)

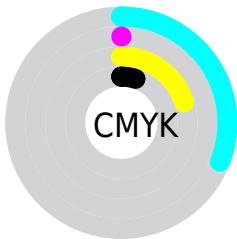
Blue (76%)



Red (65%)

Yellow (87%)

Blue (95%)

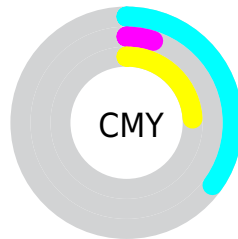


Cyan (31%)

Magenta (0%)

Yellow (20%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0211, 0.2935, 0.3854 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 75.0211, 0.2935, 0.3854 by changing the saturation by 10% instead.

 75.0211, 0.2935,
0.3854

 75.0211, 0.2935,
0.3854


477.9901, 0.3029,
0.3584

 55.6302, 0.2912,
0.3918


 126.3422, 0.2968,
0.3758

 39.9065, 0.2884,
0.3998


 159.0412, 0.2981,
0.3722

 27.4656, 0.2847,
0.4102


196.9450, 0.2992,
0.3690

 17.9232, 0.2796,
0.4241

240.4380, 0.3001,
0.3663

 10.8949, 0.2725,
0.4436

289.9047, 0.3009,
0.3640

 5.9962, 0.2615,
0.4730


345.7293, 0.3017,

 2.8428, 0.2426,


0.3619


408.2963, 0.3023,
0.3600


0.5217


 1.0502, 0.1537,
0.8085


 0.0000, 0.0000,
0.0000


 75.0211, 0.2935,
0.3854


 75.0211, 0.2935,
0.3854


 71.9860, 0.2882,
0.4077


 78.6225, 0.2995,
0.3649


 69.4784, 0.2838,
0.4316

 82.8079, 0.3058,
0.3465

 67.4693, 0.2807,
0.4564

 87.6059, 0.3123,
0.3301

 65.9231, 0.2792,
0.4813

 91.3913, 0.3133,
0.3156

■ 64.7989, 0.2795,
0.5054

■ 64.0484, 0.2817,
0.5275

■ 63.6138, 0.2849,
0.5458

Harmonies

Analogous

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



75.0211, 0.3359, 0.4053



75.0211, 0.2935, 0.3854



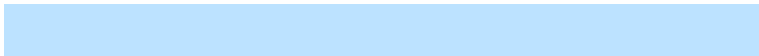
75.0211, 0.2579, 0.3470

Triad

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



75.0211, 0.2935, 0.3854



75.0211, 0.2524, 0.2608



75.0211, 0.3944, 0.3434

Complementary

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



75.0211, 0.2935, 0.3854



51.2035, 0.3388, 0.2788

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.



75.0211, 0.3690, 0.3093



75.0211, 0.2935, 0.3854



75.0211, 0.2854, 0.2634

Square

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



75.0211, 0.2935, 0.3854



75.0211, 0.2355, 0.2750



75.0211, 0.3281, 0.2809



75.0211, 0.3958, 0.3765

Rectangle

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



75.0211, 0.2935, 0.3854



75.0211, 0.2422, 0.3188



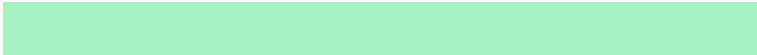
75.0211, 0.3281, 0.2809



75.0211, 0.3884, 0.3317

Sweetspot

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



75.0242, 0.2935, 0.3854



95.0003, 0.3069, 0.3436



80.1658, 0.3406, 0.4107



20.1726, 0.3059, 0.3461



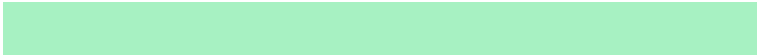
0.0000, 0.0000, 0.0000



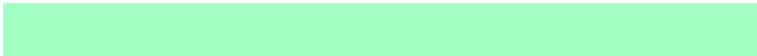
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0242, 0.2935, 0.3854



83.0032, 0.2900, 0.3995



76.8372, 0.2742, 0.3417



17.7517, 0.3066, 0.3444



34.5196, 0.2841, 0.5428



2.8902, 0.2767, 0.5162

Inverse Universe

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



51.2035, 0.3388, 0.2788



51.8267, 0.3461, 0.2680



49.5662, 0.3718, 0.3169



15.9279, 0.3194, 0.3141



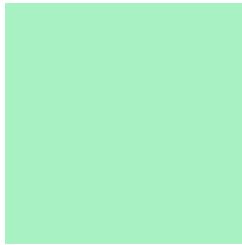
11.4174, 0.4396, 0.2196



0.9689, 0.4198, 0.2086

Previews

White Background



This preview shows how the Yxy color 75.0211, 0.2935, 0.3854 looks on a white background.

Color Contrast Check

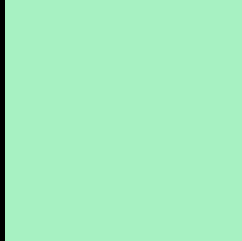
Large Text (above 18pt) WCAG AA × Fail

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 75.0211, 0.2935, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

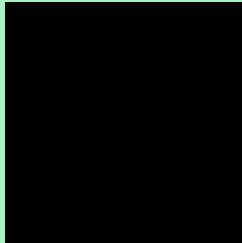
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0211, 0.2935, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 75.0211, 0.2935, 0.3854.

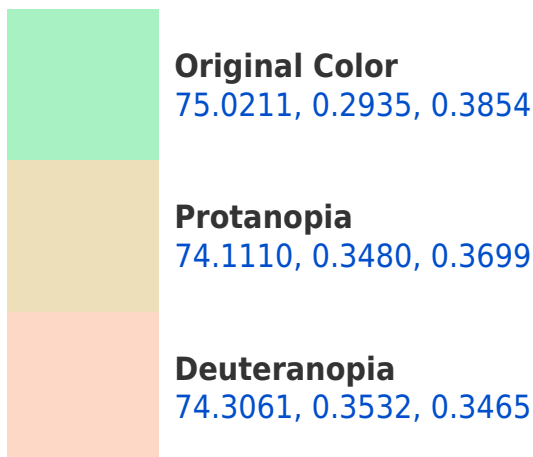


This preview shows how white text looks on a background with the Yxy color 75.0211, 0.2935, 0.3854.

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

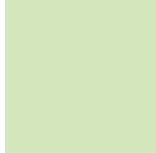
74.8898, 0.2684, 0.3078

Trichromacy



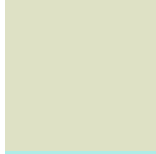
Original Color

75.0211, 0.2935, 0.3854



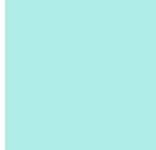
Protanomaly

74.0734, 0.3264, 0.3764



Deuteranomaly

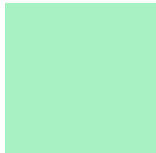
73.4112, 0.3291, 0.3599



Tritanomaly

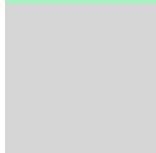
74.8744, 0.2775, 0.3346

Monochromacy



Original Color

75.0211, 0.2935, 0.3854



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.6866, 0.3049, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0211, 0.2935, 0.3854 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(167, 241, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 241, 194) }
```

Border

The CSS property to change the border of an element to Yxy 75.0211, 0.2935, 0.3854 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, 194) }
```

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

```
.border{ border-color:rgb(167, 241, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 241, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 241, 194);  
box-shadow:4px 4px 4px 4px rgb(167, 241,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0211, 0.2935, 0.3854 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, 194) }
```

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

```
.background{ background-color: rgb(167,  
241, 194) }
```

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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