

Converting Colors

$Yxy(75.0399, 0.2848, 0.3708)$

Have a look what the booklet for
Yxy(75.0399, 0.2848, 0.3708)
contains.

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Color

Yxy(75.1534, 0.2846, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	A3F1CE
RGB	163, 241, 206
RGB Percent	64%, 95%, 81%
CMY	0.3609, 0.0549, 0.1920
CMYK	0.32, 0.00, 0.15, 0.05
HSL	153°, 74%, 79%
HSV	153°, 32%, 95%
XYZ	57.6980, 75.1534, 69.8823
YIQ	213.6880, -35.2530, -27.4210

Conversions

Conversions Part 2

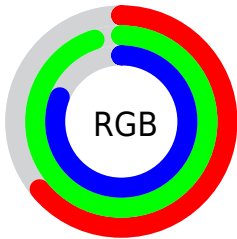
Format	Color
RYB	163, 213, 241
Decimal	10744270
CIELab	89.46, -31.23, 9.32
CIELCh	89, 32.589, 163.385
Yxy	75.1534, 0.2846, 0.3707
Android (android.graphics.Color)	4288934350 (0xFFA3F1CE)
YUV	213.6880, -3.7902, -44.4534
Hunter-Lab	86.6911, -32.9071, 12.8896

Details

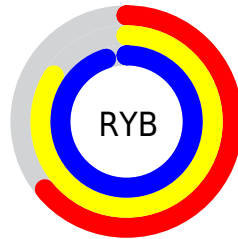
The Yxy color **75.1534, 0.2846, 0.3707** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **48.9577, 0.3541, 0.2911**, and the grayscale version is **67.0664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **40.1531, 0.2774, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **72.3439, 0.2774, 0.3862**, and if you desaturate by 10%, it is **78.4899, 0.2927, 0.3564**.

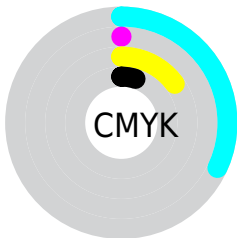
Distribution



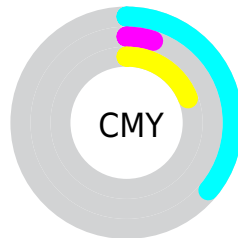
- Red (64%)
- Green (95%)
- Blue (81%)



- Red (64%)
- Yellow (84%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)





- Cyan (36%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1534, 0.2846, 0.3707 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 75.1534, 0.2846, 0.3707 by changing the saturation by 10% instead.


 75.1534, 0.2846,
0.3707


 75.1534, 0.2846,
0.3707


478.4447, 0.2978,
0.3509

 55.7386, 0.2815,
0.3753

 126.5295, 0.2892,
0.3637

 39.9934, 0.2777,
0.3811


 159.2595, 0.2910,
0.3611

 27.5334, 0.2729,
0.3886


197.1968, 0.2925,
0.3588

 17.9742, 0.2664,
0.3985

240.7256, 0.2939,
0.3568

 10.9315, 0.2575,
0.4124

290.2304, 0.2950,
0.3550

 6.0208, 0.2445,
0.4330


346.0956, 0.2961,

 2.8577, 0.2236,


0.3535


0.4669

408.7055, 0.2970,
0.3521


 1.0579, 0.1312,
0.5940


 0.0000, 0.0000,
0.0000


 75.1534, 0.2846,
0.3707


 75.1534, 0.2846,
0.3707


 72.3439, 0.2774,
0.3862

 78.4899, 0.2927,
0.3564


 70.0237, 0.2715,
0.4028

 82.3702, 0.3015,
0.3433

 68.1648, 0.2672,
0.4201

 86.8218, 0.3105,
0.3316

 66.7323, 0.2647,
0.4379

 91.0298, 0.3169,
0.3211

■ 65.6862, 0.2643,
0.4556

■ 91.3956, 0.3133,
0.3156

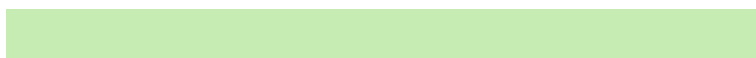
■ 64.9783, 0.2659,
0.4728

■ 64.6098, 0.2682,
0.4855

Harmonies

Analogous

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



75.1534, 0.3225, 0.3948



75.1534, 0.2846, 0.3707



75.1534, 0.2555, 0.3339

Triad

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



75.1534, 0.2846, 0.3707



75.1534, 0.2654, 0.2658



75.1534, 0.3896, 0.3520

Complementary

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



75.1534, 0.2846, 0.3707



48.9577, 0.3541, 0.2911

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.



75.1534, 0.3726, 0.3203



75.1534, 0.2846, 0.3707



75.1534, 0.2992, 0.2725

Square

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



75.1534, 0.2846, 0.3707



75.1534, 0.2451, 0.2744



75.1534, 0.3387, 0.2920



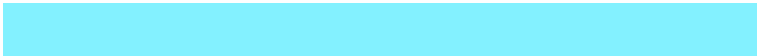
75.1534, 0.3843, 0.3804

Rectangle

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



75.1534, 0.2846, 0.3707



75.1534, 0.2442, 0.3093



75.1534, 0.3387, 0.2920



75.1534, 0.3863, 0.3414

Sweetspot

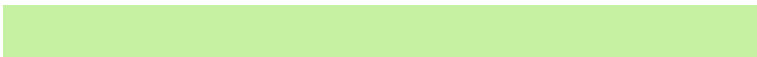
The Sweet Spot groups the original color and five complimentary colors.



75.1565, 0.2846, 0.3707



94.7662, 0.3036, 0.3405



77.5758, 0.3312, 0.4186



20.1379, 0.3023, 0.3422



0.0000, 0.0000, 0.0000



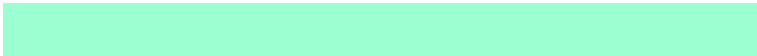
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1565, 0.2846, 0.3707



83.2183, 0.2796, 0.3810



74.7639, 0.2659, 0.3244



17.8024, 0.3041, 0.3398



35.0613, 0.2674, 0.4828



2.9368, 0.2613, 0.4606

Inverse Universe

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



48.9577, 0.3541, 0.2911



49.0614, 0.3662, 0.2830



48.9335, 0.3864, 0.3336



15.8766, 0.3223, 0.3185



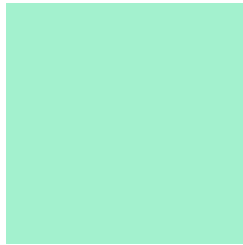
10.7542, 0.5178, 0.2626



0.9144, 0.4854, 0.2447

Previews

White Background



This preview shows how the Yxy color 75.1534, 0.2846, 0.3707 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 75.1534, 0.2846, 0.3707 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

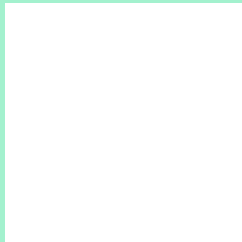
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1534, 0.2846, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 75.1534, 0.2846, 0.3707.

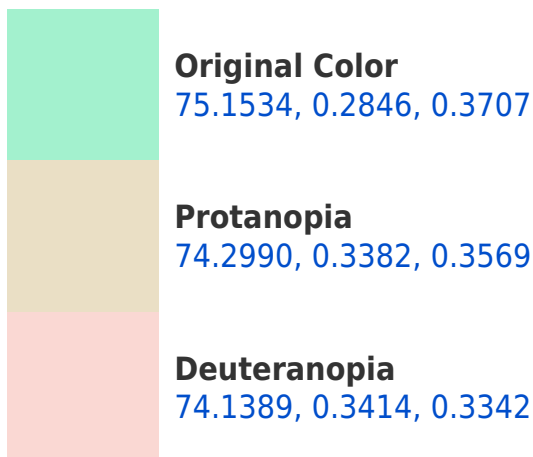


This preview shows how white text looks on a background with the Yxy color 75.1534, 0.2846, 0.3707.

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

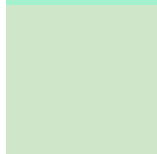
74.8217, 0.2648, 0.3077

Trichromacy



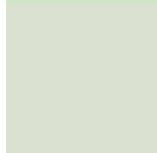
Original Color

75.1534, 0.2846, 0.3707



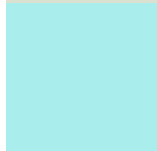
Protanomaly

74.1737, 0.3166, 0.3628



Deuteranomaly

73.3593, 0.3182, 0.3466



Tritanomaly

75.0595, 0.2717, 0.3300

Monochromacy



Original Color

75.1534, 0.2846, 0.3707



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.6166, 0.3010, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1534, 0.2846, 0.3707 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(163, 241, 206)` looks like.

```
.text, #text, p{  
    color:rgb(163, 241, 206)  
}
```

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(163, 241, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 241, 206) }
```

Border

The CSS property to change the border of an element to Yxy 75.1534, 0.2846, 0.3707 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(163, 241, 206) }
```

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

```
.border{ border-color:rgb(163, 241, 206) }
```

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

Here you see how a box with a 4 pixel rgb(163, 241, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 241, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 241, 206);  
box-shadow:4px 4px 4px 4px rgb(163, 241,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1534, 0.2846, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 241, 206) }
```

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

```
.background{ background-color: rgb(163,  
241, 206) }
```

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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