

Converting Colors

$Yxy(74.9278, 0.2913, 0.3816)$

Have a look what the booklet for
Yxy(74.9278, 0.2913, 0.3816)
contains.

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Color

Yxy(75.0488, 0.2912, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	A6F1C5
RGB	166, 241, 197
RGB Percent	65%, 95%, 77%
CMY	0.3492, 0.0549, 0.2273
CMYK	0.31, 0.00, 0.18, 0.05
HSL	145°, 73%, 80%
HSV	145°, 31%, 95%
XYZ	57.2549, 75.0488, 64.3135
YIQ	213.5590, -30.5760, -29.5840

Conversions

Conversions Part 2

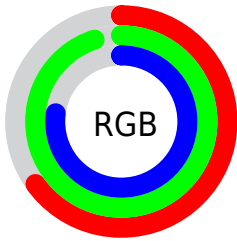
Format	Color
R _Y B	166, 219, 241
Decimal	10940869
CIE Lab	89.42, -32.10, 13.94
CIE LCh	89, 35.002, 156.523
Yxy	75.0488, 0.2912, 0.3817
Android (android.graphics.Color)	4289130949 (0xFFA6F1C5)
YUV	213.5590, -8.1636, -41.7092
Hunter-Lab	86.6307, -33.6316, 16.6254

Details

The Yxy color **75.0488, 0.2912, 0.3817** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.6074, 0.3426, 0.2818**, and the grayscale version is **67.0015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3637, 0.2940, 0.3300**, and **40.1258, 0.2861, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **72.0702, 0.2854, 0.4022**, and if you desaturate by 10%, it is **78.5822, 0.2978, 0.3629**.

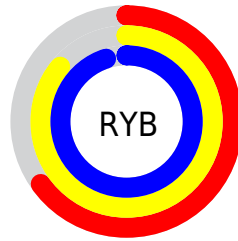
Distribution



Red (65%)

Green (95%)

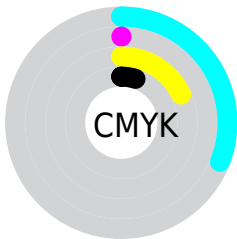
Blue (77%)



Red (65%)

Yellow (86%)

Blue (95%)

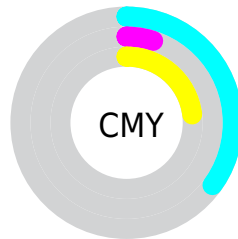


Cyan (31%)

Magenta (0%)

Yellow (18%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0488, 0.2912, 0.3817 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 75.0488, 0.2912, 0.3817 by changing the saturation by 10% instead.

 75.0488, 0.2912,
0.3817


 75.0488, 0.2912,
0.3817


478.0853, 0.3016,
0.3565

 55.6529, 0.2887,
0.3877


 126.3814, 0.2949,
0.3728

 39.9247, 0.2856,
0.3951


 159.0869, 0.2963,
0.3694

 27.4798, 0.2816,
0.4048


196.9977, 0.2975,
0.3665

 17.9339, 0.2762,
0.4177

240.4983, 0.2985,
0.3639

 10.9025, 0.2686,
0.4358

289.9729, 0.2994,
0.3617

 6.0013, 0.2571,
0.4630


345.8060, 0.3002,

 2.8459, 0.2378,


0.3598


0.5080


408.3820, 0.3009,
0.3580

 1.0518, 0.1459,
0.7413


 0.0000, 0.0000,
0.0000

 75.0488, 0.2912,
0.3817

 75.0488, 0.2912,
0.3817


 72.0702, 0.2854,
0.4022


 78.5822, 0.2978,
0.3629


 69.6082, 0.2806,
0.4242

 82.6879, 0.3047,
0.3458

 67.6340, 0.2772,
0.4471

 87.3940, 0.3119,
0.3306

 66.1124, 0.2755,
0.4703

 91.3018, 0.3142,
0.3170

■ 65.0029, 0.2757,
0.4929

■ 91.3970, 0.3133,
0.3156

■ 64.2573, 0.2778,
0.5142

■ 63.8336, 0.2809,
0.5313

Harmonies

Analogous

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



75.0488, 0.3325, 0.4027



75.0488, 0.2912, 0.3817



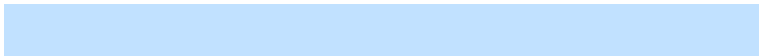
75.0488, 0.2572, 0.3436

Triad

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



75.0488, 0.2912, 0.3817



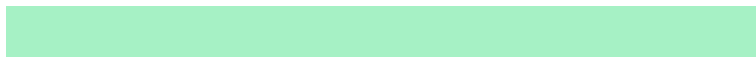
75.0488, 0.2556, 0.2620



75.0488, 0.3933, 0.3456

Complementary

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



75.0488, 0.2912, 0.3817



50.6074, 0.3426, 0.2818

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.



75.0488, 0.3700, 0.3120



75.0488, 0.2912, 0.3817



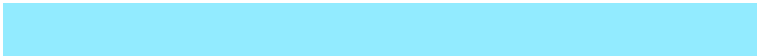
75.0488, 0.2889, 0.2657

Square

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



75.0488, 0.2912, 0.3817



75.0488, 0.2379, 0.2748



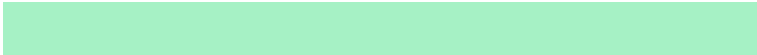
75.0488, 0.3309, 0.2836



75.0488, 0.3929, 0.3776

Rectangle

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



75.0488, 0.2912, 0.3817



75.0488, 0.2426, 0.3163



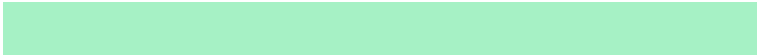
75.0488, 0.3309, 0.2836



75.0488, 0.3880, 0.3342

Sweetspot

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



75.0519, 0.2912, 0.3817



95.0683, 0.3062, 0.3425



79.5155, 0.3384, 0.4127



20.1893, 0.3052, 0.3448



0.0000, 0.0000, 0.0000



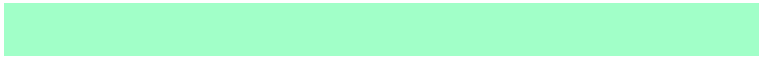
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0519, 0.2912, 0.3817



83.2181, 0.2876, 0.3938



76.9310, 0.2718, 0.3375



17.7650, 0.3059, 0.3432



34.6374, 0.2801, 0.5283



2.9009, 0.2728, 0.5022

Inverse Universe

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



50.6074, 0.3426, 0.2818



51.5815, 0.3503, 0.2725



48.9929, 0.3766, 0.3209



15.9142, 0.3201, 0.3153



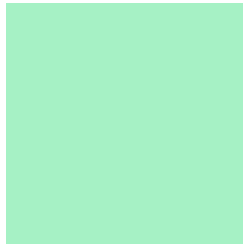
11.2144, 0.4598, 0.2306



0.9527, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 75.0488, 0.2912, 0.3817 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 75.0488, 0.2912, 0.3817 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

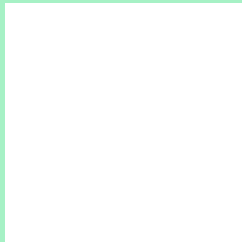
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0488, 0.2912, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 75.0488, 0.2912, 0.3817.

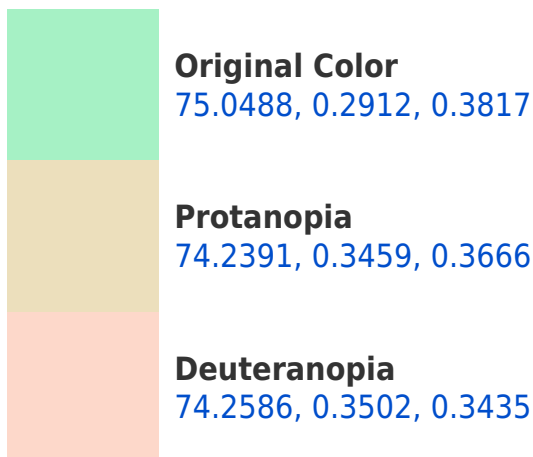


This preview shows how white text looks on a background with the Yxy color 75.0488, 0.2912, 0.3817.

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

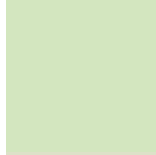
74.6532, 0.2673, 0.3077

Trichromacy



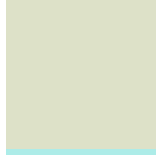
Original Color

75.0488, 0.2912, 0.3817



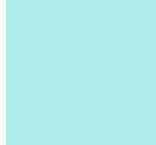
Protanomaly

74.2041, 0.3245, 0.3729



Deuteranomaly

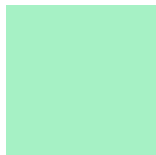
73.3927, 0.3263, 0.3566



Tritanomaly

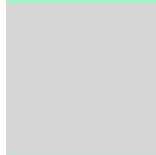
74.7013, 0.2759, 0.3335

Monochromacy



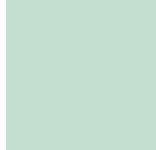
Original Color

75.0488, 0.2912, 0.3817



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 75.0488, 0.2912, 0.3817 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(166, 241, 197)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 241, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 241, 197) }
```

Border

The CSS property to change the border of an element to Yxy 75.0488, 0.2912, 0.3817 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(166, 241, 197) }
```

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

```
.border{ border-color:rgb(166, 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(166, 241, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 241, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 241, 197); box-shadow:4px 4px 4px 4px rgb(166, 241, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0488, 0.2912, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 241, 197) }
```

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

```
.background{ background-color: rgb(166,  
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](#).

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