

Converting Colors

$Y_{xy}(75.6270, 0.2918, 0.4118)$

Have a look what the booklet for
Yxy(75.6270, 0.2918, 0.4118)
contains.

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Color

Yxy(75.5558, 0.2916, 0.4118)

Conversions

Conversions Part 1

Format	Color
Hex	95F6B3
RGB	149, 246, 179
RGB Percent	58%, 96%, 70%
CMY	0.4153, 0.0353, 0.2980
CMYK	0.39, 0.00, 0.27, 0.04
HSL	139°, 84%, 77%
HSV	139°, 39%, 96%
XYZ	53.5019, 75.5558, 54.4193
YIQ	209.3590, -36.3050, -41.4010

Conversions

Conversions Part 2

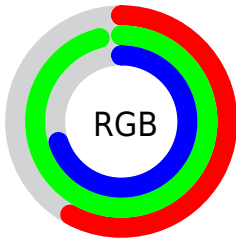
Format	Color
RYB	149, 223, 246
Decimal	9828019
CIELab	89.65, -42.56, 23.44
CIElCh	90, 48.590, 151.155
Yxy	75.5558, 0.2916, 0.4118
Android (android.graphics.Color)	4288018099 (0xFF95F6B3)
YUV	209.3590, -14.9670, -52.9348
Hunter-Lab	86.9228, -42.2464, 23.7267

Details

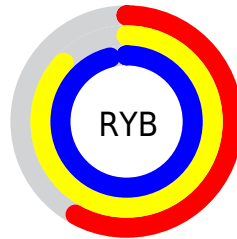
The Yxy color **75.5558, 0.2916, 0.4118** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **46.0802, 0.3438, 0.2590**, and the grayscale version is **64.1418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6400, 0.2943, 0.3501**, and **40.2287, 0.2853, 0.4334** is the 20% darker color. If you saturate the color by 10%, you get **72.8361, 0.2876, 0.4377**, and if you desaturate by 10%, it is **78.8553, 0.2964, 0.3876**.

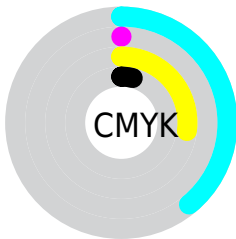
Distribution



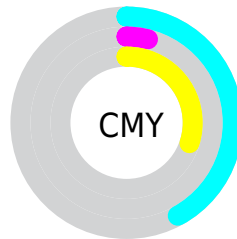
- Red (58%)
- Green (96%)
- Blue (70%)



- Red (58%)
- Yellow (87%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)





- Cyan (42%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5558, 0.2916, 0.4118 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 75.5558, 0.2916, 0.4118 by changing the saturation by 10% instead.

 75.5558, 0.2916,
0.4118

 75.5558, 0.2916,
0.4118


479.8258, 0.3024,
0.3716

 56.0683, 0.2889,
0.4214


 127.0988, 0.2956,
0.3975

 40.2577, 0.2854,
0.4336


 159.9232, 0.2970,
0.3920

 27.7395, 0.2807,
0.4493


197.9619, 0.2983,
0.3874

 18.1294, 0.2742,
0.4704

241.5995, 0.2993,
0.3834

 11.0429, 0.2646,
0.5003

291.2203, 0.3003,
0.3799

 6.0957, 0.2494,
0.5451


347.2086, 0.3011,

 2.9034, 0.2231,


0.3768


0.6208


409.9490, 0.3018,
0.3740


 1.0815, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 75.5558, 0.2916,
0.4118


 75.5558, 0.2916,
0.4118


 72.8361, 0.2876,
0.4377


 78.8553, 0.2964,
0.3876


 70.6528, 0.2847,
0.4645

 82.7564, 0.3018,
0.3655

 68.9712, 0.2833,
0.4913

 87.2912, 0.3074,
0.3456

 67.7482, 0.2836,
0.5169

 92.4867, 0.3131,
0.3280

■ 66.9334, 0.2855,
0.5399

■ 94.3843, 0.3131,
0.3204

■ 66.4497, 0.2888,
0.5594

■ 66.4253, 0.2890,
0.5604

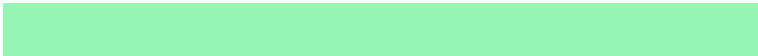
Harmonies

Analogous

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



75.5558, 0.3482, 0.4344



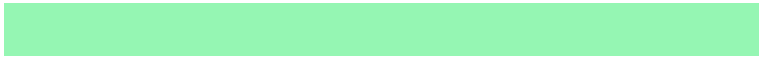
75.5558, 0.2916, 0.4118



75.5558, 0.2434, 0.3592

Triad

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



75.5558, 0.2916, 0.4118



75.5558, 0.2294, 0.2398



75.5558, 0.4212, 0.3410

Complementary

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



75.5558, 0.2916, 0.4118



46.0802, 0.3438, 0.2590

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.



75.5558, 0.3835, 0.2977



75.5558, 0.2916, 0.4118



75.5558, 0.2701, 0.2419

Square

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



75.5558, 0.2916, 0.4118



75.5558, 0.2104, 0.2594



75.5558, 0.3263, 0.2626



75.5558, 0.4258, 0.3854

Rectangle

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



75.5558, 0.2916, 0.4118



75.5558, 0.2218, 0.3196



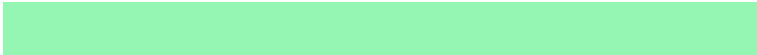
75.5558, 0.3263, 0.2626



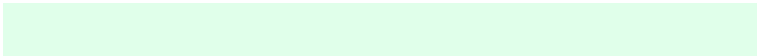
75.5558, 0.4119, 0.3260

Sweetspot

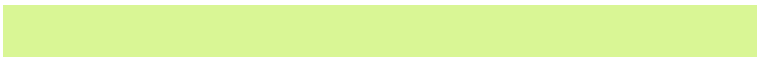
The Sweet Spot groups the original color and five complimentary colors.



75.5589, 0.2916, 0.4118



93.3630, 0.3059, 0.3506



82.8174, 0.3512, 0.4342



19.8423, 0.3052, 0.3532



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.



75.5589, 0.2916, 0.4118



79.6678, 0.2884, 0.4316



77.8282, 0.2674, 0.3517



18.5563, 0.3073, 0.3458



35.4812, 0.2882, 0.5576



3.1361, 0.2813, 0.5327

Inverse Universe

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



46.0802, 0.3438, 0.2590



43.6916, 0.3521, 0.2458



43.9635, 0.3917, 0.3082



16.6761, 0.3185, 0.3128



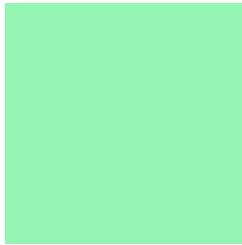
12.0343, 0.4180, 0.2076



1.0761, 0.4028, 0.1993

Previews

White Background



This preview shows how the Yxy color 75.5558, 0.2916, 0.4118 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 75.5558, 0.2916, 0.4118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

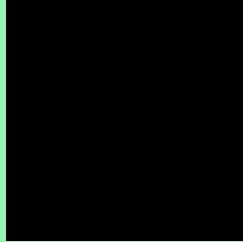
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5558, 0.2916, 0.4118

Background



This preview shows how black text looks on a background with the Yxy color 75.5558, 0.2916, 0.4118.

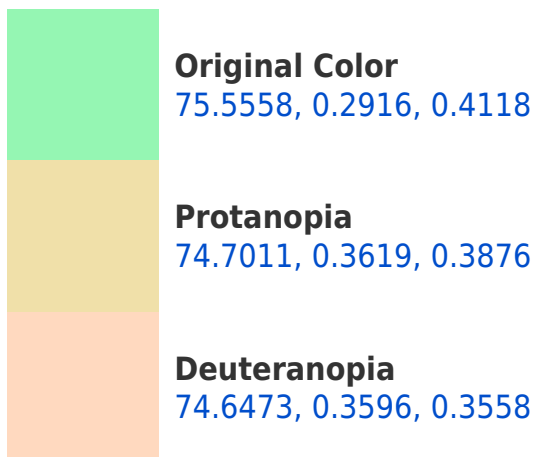


This preview shows how white text looks on a background with the Yxy color 75.5558, 0.2916, 0.4118.

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

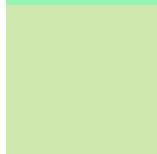
75.3179, 0.2604, 0.3076

Trichromacy



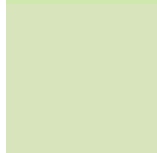
Original Color

75.5558, 0.2916, 0.4118



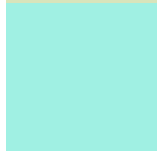
Protanomaly

73.9958, 0.3328, 0.3964



Deuteranomaly

73.6736, 0.3309, 0.3749



Tritanomaly

75.3398, 0.2719, 0.3441

Monochromacy



Original Color

75.5558, 0.2916, 0.4118



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.8846, 0.3037, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5558, 0.2916, 0.4118 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(149, 246, 179)` looks like.

```
.text, #text, p{  
    color:rgb(149, 246, 179)  
}
```

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(149, 246, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 246, 179) }
```

Border

The CSS property to change the border of an element to Yxy 75.5558, 0.2916, 0.4118 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(149, 246, 179) }
```

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

```
.border{ border-color:rgb(149, 246, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 246, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 246, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 246, 179);  
box-shadow:4px 4px 4px 4px rgb(149, 246,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5558, 0.2916, 0.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 246, 179) }
```

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

```
.background{ background-color: rgb(149,  
246, 179) }
```

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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