

Converting Colors

$Yxy(75.1956, 0.2858, 0.4040)$

Have a look what the booklet for
Yxy(75.1956, 0.2858, 0.4040)
contains.

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Color

Yxy(75.3436, 0.2858, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	90F6B9
RGB	144, 246, 185
RGB Percent	56%, 96%, 73%
CMY	0.4352, 0.0353, 0.2744
CMYK	0.41, 0.00, 0.25, 0.04
HSL	144°, 85%, 76%
HSV	144°, 41%, 96%
XYZ	53.2210, 75.3436, 57.6529
YIQ	208.5480, -41.2110, -40.5950

Conversions

Conversions Part 2

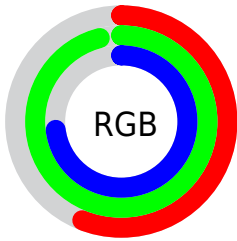
Format	Color
RYB	144, 217, 246
Decimal	9500345
CIELab	89.55, -42.86, 20.19
CIElCh	90, 47.374, 154.778
Yxy	75.3436, 0.2858, 0.4046
Android (android.graphics.Color)	4287690425 (0xFF90F6B9)
YUV	208.5480, -11.6092, -56.6086
Hunter-Lab	86.8007, -42.4557, 21.3801

Details

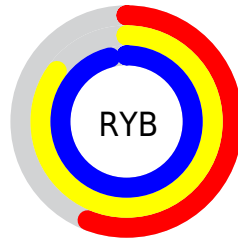
The Yxy color **75.3436, 0.2858, 0.4046** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **43.9571, 0.3552, 0.2647**, and the grayscale version is **63.5557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2884, 0.2883, 0.3437**, and **40.0874, 0.2780, 0.4239** is the 20% darker color. If you saturate the color by 10%, you get **72.7775, 0.2812, 0.4271**, and if you desaturate by 10%, it is **78.4628, 0.2915, 0.3835**.

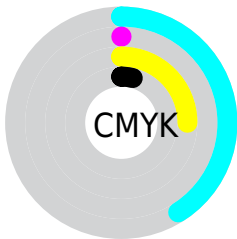
Distribution



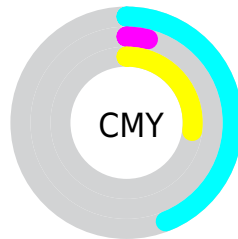
- Red (56%)
- Green (96%)
- Blue (73%)



- Red (56%)
- Yellow (85%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (4%)




- Cyan (44%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3436, 0.2858, 0.4046 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 75.3436, 0.2858, 0.4046 by changing the saturation by 10% instead.


 75.3436, 0.2858,
0.4046

 75.3436, 0.2858,
0.4046

479.0977, 0.2991,
0.3680

 55.8944, 0.2826,
0.4134

 126.7986, 0.2906,
0.3916

 40.1183, 0.2784,
0.4244


 159.5733, 0.2924,
0.3866

 27.6308, 0.2731,
0.4387


197.5585, 0.2939,
0.3824

 18.0475, 0.2657,
0.4579

241.1388, 0.2952,
0.3787

 10.9841, 0.2552,
0.4851

290.6984, 0.2964,
0.3755

 6.0562, 0.2389,
0.5261

346.6219, 0.2974,

 2.8793, 0.2110,

0.3727

409.2935, 0.2983,
0.3702

0.5939

1.0690, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

75.3436, 0.2858,
0.4046

75.3436, 0.2858,
0.4046

72.7775, 0.2812,
0.4271

78.4628, 0.2915,
0.3835

70.7215, 0.2779,
0.4505

82.1564, 0.2979,
0.3642

69.1413, 0.2764,
0.4741

86.4559, 0.3047,
0.3467

67.9941, 0.2767,
0.4971

91.3878, 0.3117,
0.3311

■ 67.2285, 0.2789,
0.5186

■ 94.3902, 0.3131,
0.3204

■ 66.8093, 0.2820,
0.5352

Harmonies

Analogous

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



75.3436, 0.3409, 0.4310



75.3436, 0.2858, 0.4046



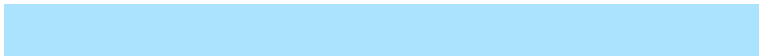
75.3436, 0.2405, 0.3514

Triad

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



75.3436, 0.2858, 0.4046



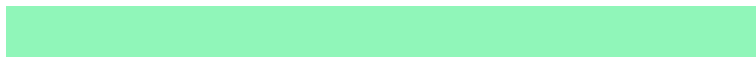
75.3436, 0.2350, 0.2409



75.3436, 0.4210, 0.3463

Complementary

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



75.3436, 0.2858, 0.4046



43.9571, 0.3552, 0.2647

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.



75.3436, 0.3876, 0.3032



75.3436, 0.2858, 0.4046



75.3436, 0.2772, 0.2453

Square

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



75.3436, 0.2858, 0.4046



75.3436, 0.2136, 0.2575



75.3436, 0.3331, 0.2675



75.3436, 0.4214, 0.3892

Rectangle

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



75.3436, 0.2858, 0.4046



75.3436, 0.2211, 0.3134



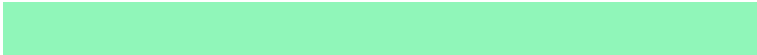
75.3436, 0.3331, 0.2675



75.3436, 0.4132, 0.3315

Sweetspot

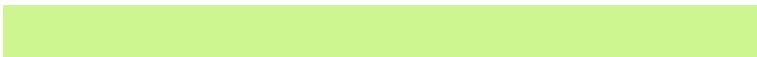
The Sweet Spot groups the original color and five complimentary colors.



75.3467, 0.2858, 0.4046



93.5284, 0.3043, 0.3477



80.9342, 0.3458, 0.4426



19.8811, 0.3034, 0.3498



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.



75.3467, 0.2858, 0.4046



79.3157, 0.2817, 0.4240



77.8872, 0.2606, 0.3408



18.5825, 0.3061, 0.3435



35.6870, 0.2811, 0.5321



3.1563, 0.2742, 0.5071

Inverse Universe

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



43.9571, 0.3552, 0.2647



40.9151, 0.3680, 0.2520



41.8901, 0.4089, 0.3182



16.6489, 0.3200, 0.3149



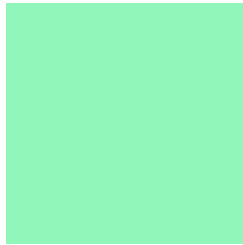
11.6123, 0.4550, 0.2280



1.0409, 0.4335, 0.2162

Previews

White Background



This preview shows how the Yxy color 75.3436, 0.2858, 0.4046 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 75.3436, 0.2858, 0.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

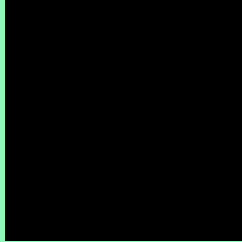
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3436, 0.2858, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 75.3436, 0.2858, 0.4046.

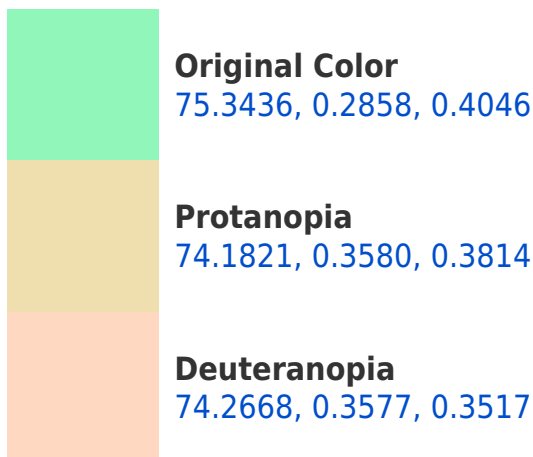


This preview shows how white text looks on a background with the Yxy color 75.3436, 0.2858, 0.4046.

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

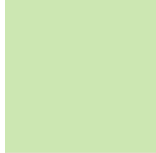
74.8923, 0.2584, 0.3075

Trichromacy



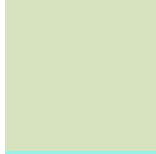
Original Color

75.3436, 0.2858, 0.4046



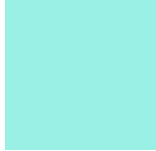
Protanomaly

73.2035, 0.3277, 0.3900



Deuteranomaly

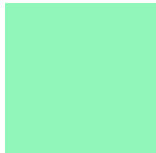
73.1468, 0.3277, 0.3694



Tritanomaly

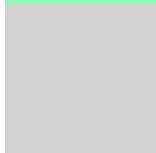
75.0019, 0.2678, 0.3406

Monochromacy



Original Color

75.3436, 0.2858, 0.4046



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.7270, 0.3011, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3436, 0.2858, 0.4046 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(144, 246, 185)` looks like.

```
.text, #text, p{  
    color:rgb(144, 246, 185)  
}
```

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(144, 246, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 246, 185) }
```

Border

The CSS property to change the border of an element to Yxy 75.3436, 0.2858, 0.4046 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(144, 246, 185) }
```

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

```
.border{ border-color:rgb(144, 246, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 246, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 246, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 246, 185);  
box-shadow:4px 4px 4px 4px rgb(144, 246,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3436, 0.2858, 0.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 246, 185) }
```

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

```
.background{ background-color: rgb(144,  
246, 185) }
```

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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