

Converting Colors

$Y_{xy}(75.7140, 0.2683, 0.3591)$

Have a look what the booklet for
Yxy(75.7140, 0.2683, 0.3591)
contains.

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Color

Yxy(75.7451, 0.2684, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	90F4DB
RGB	144, 244, 219
RGB Percent	56%, 96%, 86%
CMY	0.4351, 0.0432, 0.1411
CMYK	0.41, 0.00, 0.10, 0.04
HSL	165°, 82%, 76%
HSV	165°, 41%, 96%
XYZ	56.6453, 75.7451, 78.6576
YIQ	211.2500, -51.5750, -28.9750

Conversions

Conversions Part 2

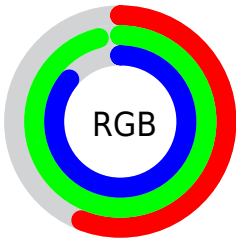
Format	Color
RYB	144, 201, 244
Decimal	9499867
CIELab	89.74, -35.01, 2.86
CIELCh	90, 35.126, 175.336
Yxy	75.7451, 0.2684, 0.3589
Android (android.graphics.Color)	4287689947 (0xFF90F4DB)
YUV	211.2500, 3.8207, -58.9783
Hunter-Lab	87.0317, -36.1272, 7.3370

Details

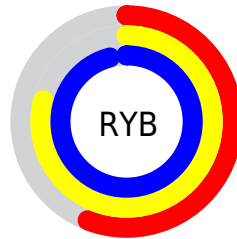
The Yxy color **75.7451, 0.2684, 0.3589** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.0602, 0.3909, 0.3019**, and the grayscale version is **65.3242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **40.2472, 0.2581, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **73.4670, 0.2604, 0.3676**, and if you desaturate by 10%, it is **78.5159, 0.2778, 0.3507**.

Distribution



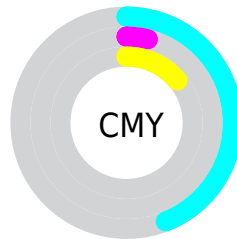
- Red (56%)
- Green (96%)
- Blue (86%)



- Red (56%)
- Yellow (79%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)




- Cyan (44%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7451, 0.2684, 0.3589 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 75.7451, 0.2684, 0.3589 by changing the saturation by 10% instead.

 75.7451, 0.2684,
0.3589

 75.7451, 0.2684,
0.3589

480.4747, 0.2888,
0.3450

 56.2235, 0.2638,
0.3621


 127.3665, 0.2754,
0.3541

 40.3822, 0.2581,
0.3660


 160.2352, 0.2782,
0.3522

 27.8366, 0.2509,
0.3710


198.3216, 0.2806,
0.3506

 18.2025, 0.2416,
0.3776

242.0102, 0.2826,
0.3492

 11.0955, 0.2290,
0.3865

291.6855, 0.2844,
0.3479

 6.1311, 0.2112,
0.3994


347.7317, 0.2860,

 2.9250, 0.1841,


0.3469


0.4197


410.5333, 0.2875,
0.3459


 1.0927, 0.0761,
0.4883

 0.0000, 0.0000,
0.0000

 75.7451, 0.2684,
0.3589

 75.7451, 0.2684,
0.3589


 73.4670, 0.2604,
0.3676


 78.5159, 0.2778,
0.3507


 71.6414, 0.2542,
0.3767


 81.7984, 0.2883,
0.3430


 70.2367, 0.2498,
0.3861


 85.6218, 0.2997,
0.3360


 69.2132, 0.2475,
0.3955

 90.0104, 0.3116,
0.3296

 68.5234, 0.2471,
0.4049

 92.8308, 0.3165,
0.3237

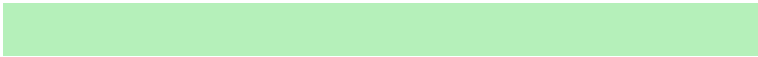
 68.1181, 0.2482,
0.4133

 93.1794, 0.3132,
0.3185

Harmonies

Analogous

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



75.7451, 0.3063, 0.3922



75.7451, 0.2684, 0.3589



75.7451, 0.2433, 0.3178

Triad

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



75.7451, 0.2684, 0.3589



75.7451, 0.2750, 0.2625



75.7451, 0.3960, 0.3663

Complementary

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



75.7451, 0.2684, 0.3589



42.0602, 0.3909, 0.3019

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.



75.7451, 0.3872, 0.3329



75.7451, 0.2684, 0.3589



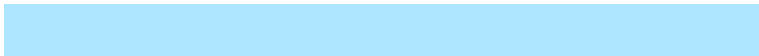
75.7451, 0.3148, 0.2755

Square

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



75.7451, 0.2684, 0.3589



75.7451, 0.2469, 0.2648



75.7451, 0.3566, 0.3005



75.7451, 0.3809, 0.3933

Rectangle

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



75.7451, 0.2684, 0.3589



75.7451, 0.2362, 0.2937



75.7451, 0.3566, 0.3005



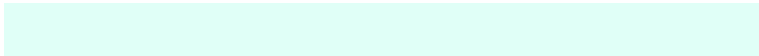
75.7451, 0.3958, 0.3555

Sweetspot

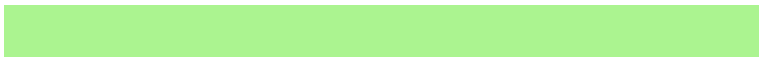
The Sweet Spot groups the original color and five complimentary colors.



75.7481, 0.2684, 0.3589



94.1683, 0.2984, 0.3367



75.3391, 0.3230, 0.4496



20.0318, 0.2969, 0.3376



0.0000, 0.0000, 0.0000



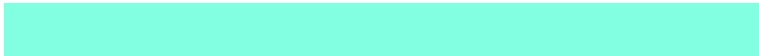
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7481, 0.2684, 0.3589



81.6387, 0.2618, 0.3660



64.0071, 0.2520, 0.3009



18.6829, 0.3014, 0.3350



37.0630, 0.2477, 0.4118



3.2738, 0.2445, 0.4001

Inverse Universe

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



42.0602, 0.3909, 0.3019



39.8220, 0.4152, 0.2969



49.0212, 0.4070, 0.3548



16.5505, 0.3254, 0.3231



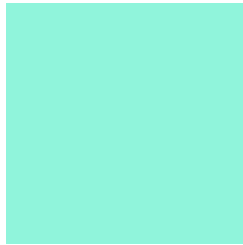
10.6594, 0.5931, 0.3041



0.9527, 0.5582, 0.2849

Previews

White Background



This preview shows how the Yxy color 75.7451, 0.2684, 0.3589 looks on a white background.

Color Contrast Check

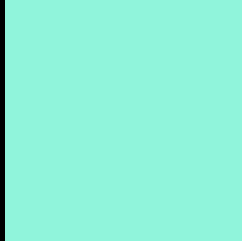
Large Text (above 18pt) WCAG AA × Fail

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 75.7451, 0.2684, 0.3589 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 75.7451, 0.2684, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 75.7451, 0.2684, 0.3589.

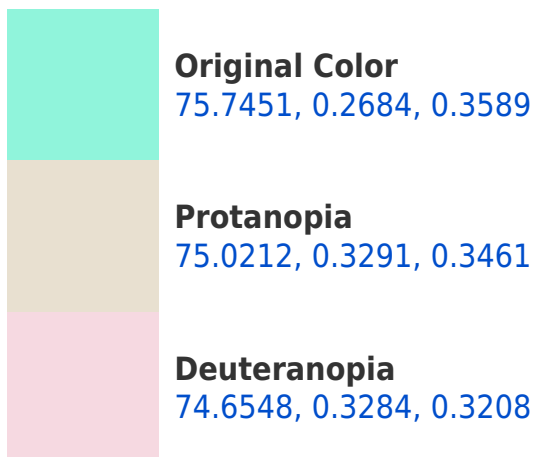


This preview shows how white text looks on a background with the Yxy color 75.7451, 0.2684, 0.3589.

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

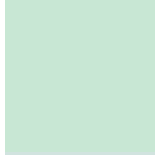
75.3654, 0.2581, 0.3086

Trichromacy



Original Color

75.7451, 0.2684, 0.3589



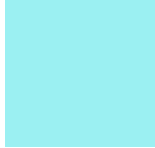
Protanomaly

74.1847, 0.3037, 0.3505



Deuteranomaly

73.8212, 0.3030, 0.3334



Tritanomaly

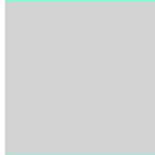
75.6995, 0.2619, 0.3265

Monochromacy



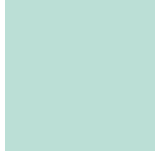
Original Color

75.7451, 0.2684, 0.3589



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

68.1952, 0.2938, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7451, 0.2684, 0.3589 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, 244, 219)` looks like.

```
.text, #text, p{  
    color:rgb(144, 244, 219)  
}
```

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, 244, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 244, 219) }
```

Border

The CSS property to change the border of an element to Yxy 75.7451, 0.2684, 0.3589 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, 244, 219) }
```

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

```
.border{ border-color:rgb(144, 244, 219) }
```

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

Here you see how a box with a 4 pixel rgb(144, 244, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 244, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 244, 219);  
box-shadow:4px 4px 4px 4px rgb(144, 244,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7451, 0.2684, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 244, 219) }
```

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

```
.background{ background-color: rgb(144,  
244, 219) }
```

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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