

Converting Colors

$Yxy(75.8245, 0.2767, 0.3499)$

Have a look what the booklet for
Yxy(75.8245, 0.2767, 0.3499)
contains.

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Color

Yxy(75.5934, 0.2771, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	A5F0DE
RGB	165, 240, 222
RGB Percent	65%, 94%, 87%
CMY	0.3533, 0.0587, 0.1294
CMYK	0.31, 0.00, 0.08, 0.06
HSL	166°, 71%, 79%
HSV	166°, 31%, 94%
XYZ	59.8484, 75.5934, 80.5394
YIQ	215.5230, -38.9220, -21.4980

Conversions

Conversions Part 2

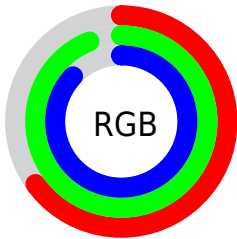
Format	Color
RYB	165, 208, 240
Decimal	10875102
CIELab	89.67, -26.92, 1.31
CIELCh	90, 26.951, 177.204
Yxy	75.5934, 0.2771, 0.3500
Android (android.graphics.Color)	4289065182 (0xFFA5F0DE)
YUV	215.5230, 3.1932, -44.3087
Hunter-Lab	86.9445, -29.2820, 5.9390

Details

The Yxy color **75.5934, 0.2771, 0.3500** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.8266, 0.3669, 0.3092**, and the grayscale version is **68.3160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **40.3860, 0.2687, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **72.9576, 0.2677, 0.3579**, and if you desaturate by 10%, it is **78.7288, 0.2877, 0.3426**.

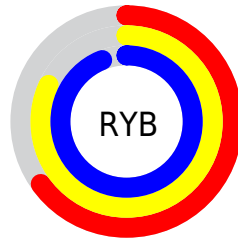
Distribution



Red (65%)

Green (94%)

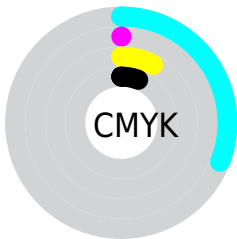
Blue (87%)



Red (65%)

Yellow (82%)

Blue (94%)

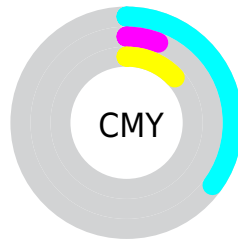


Cyan (31%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (35%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5934, 0.2771, 0.3500 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 75.5934, 0.2771, 0.3500 by changing the saturation by 10% instead.


 75.5934, 0.2771,
0.3500


 75.5934, 0.2771,
0.3500

479.9547, 0.2935,
0.3403

 56.0992, 0.2734,
0.3522

 127.1520, 0.2828,
0.3466

 40.2824, 0.2688,
0.3549

 159.9851, 0.2850,
0.3453

 27.7588, 0.2631,
0.3584


198.0334, 0.2869,
0.3442

 18.1439, 0.2556,
0.3629

241.6811, 0.2885,
0.3432

 11.0534, 0.2455,
0.3690

291.3127, 0.2900,
0.3424

 6.1027, 0.2310,
0.3778

347.3125, 0.2913,

 2.9077, 0.2089,

0.3416

410.0651, 0.2924,
0.3409

0.3915

1.0837, 0.1429,
0.4297

0.0000, 0.0000,
0.0000

75.5934, 0.2771,
0.3500

75.5934, 0.2771,
0.3500

72.9576, 0.2677,
0.3579

78.7288, 0.2877,
0.3426

70.7850, 0.2597,
0.3663

82.3796, 0.2991,
0.3359


69.0487, 0.2534,
0.3750

86.5722, 0.3111,
0.3297


67.7154, 0.2490,
0.3839


90.1870, 0.3195,
0.3242

 66.7468, 0.2466,
0.3929

 90.5445, 0.3160,
0.3186

 66.0969, 0.2462,
0.4019

 90.8121, 0.3134,
0.3146

 65.7266, 0.2471,
0.4096

Harmonies

Analogous

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



75.5934, 0.3063, 0.3755



75.5934, 0.2771, 0.3500



75.5934, 0.2579, 0.3192

Triad

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



75.5934, 0.2771, 0.3500



75.5934, 0.2855, 0.2772



75.5934, 0.3764, 0.3602

Complementary

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



75.5934, 0.2771, 0.3500



48.8266, 0.3669, 0.3092

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.



75.5934, 0.3706, 0.3343



75.5934, 0.2771, 0.3500



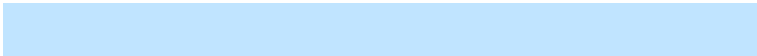
75.5934, 0.3167, 0.2881

Square

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



75.5934, 0.2771, 0.3500



75.5934, 0.2626, 0.2787



75.5934, 0.3483, 0.3085



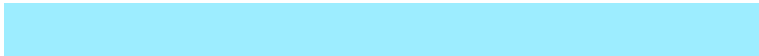
75.5934, 0.3642, 0.3798

Rectangle

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



75.5934, 0.2771, 0.3500



75.5934, 0.2529, 0.3009



75.5934, 0.3483, 0.3085



75.5934, 0.3765, 0.3520

Sweetspot

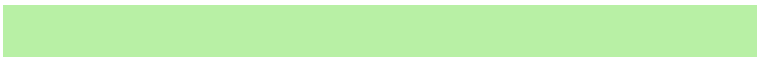
The Sweet Spot groups the original color and five complimentary colors.



75.5965, 0.2771, 0.3500



95.5545, 0.3018, 0.3344



75.1984, 0.3205, 0.4181



20.3091, 0.3001, 0.3354



0.0000, 0.0000, 0.0000



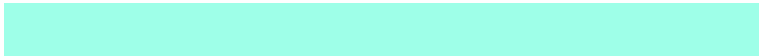
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5965, 0.2771, 0.3500



84.6109, 0.2705, 0.3553



66.1256, 0.2652, 0.3069



17.8603, 0.3013, 0.3347



35.9948, 0.2467, 0.4082



3.0098, 0.2435, 0.3964

Inverse Universe

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



48.8266, 0.3669, 0.3092



49.0987, 0.3840, 0.3048



55.3967, 0.3778, 0.3499



15.8210, 0.3255, 0.3234



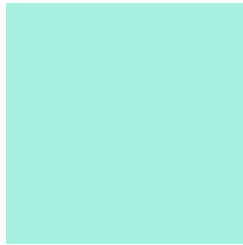
10.3234, 0.5960, 0.3057



0.8739, 0.5593, 0.2855

Previews

White Background



This preview shows how the Yxy color 75.5934, 0.2771, 0.3500 looks on a white background.

Color Contrast Check

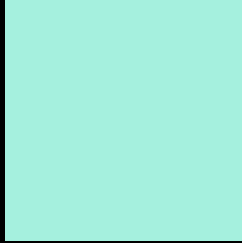
Large Text (above 18pt) WCAG AA × Fail

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 75.5934, 0.2771, 0.3500 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

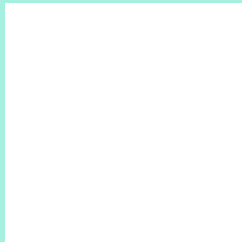
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5934, 0.2771, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 75.5934, 0.2771, 0.3500.

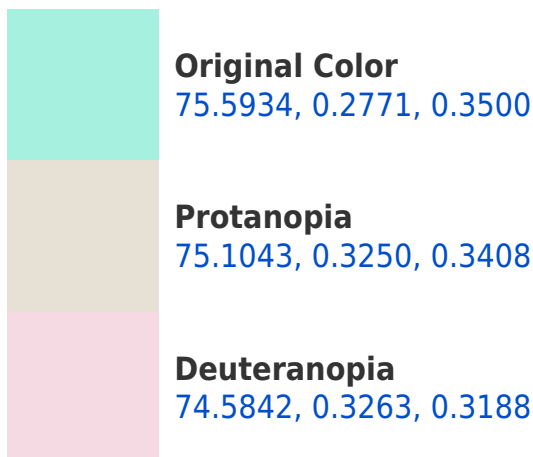


This preview shows how white text looks on a background with the Yxy color 75.5934, 0.2771, 0.3500.

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

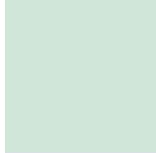
75.3431, 0.2639, 0.3077

Trichromacy



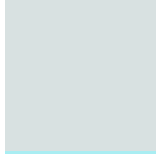
Original Color

75.5934, 0.2771, 0.3500



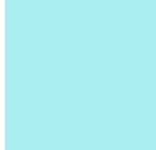
Protanomaly

74.8169, 0.3059, 0.3445



Deuteranomaly

73.8856, 0.3065, 0.3290



Tritanomaly

75.4142, 0.2686, 0.3232

Monochromacy



Original Color

75.5934, 0.2771, 0.3500



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.7827, 0.2980, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5934, 0.2771, 0.3500 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(165, 240, 222)` looks like.

```
.text, #text, p{  
    color:rgb(165, 240, 222)  
}
```

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(165, 240, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 240, 222) }
```

Border

The CSS property to change the border of an element to Yxy 75.5934, 0.2771, 0.3500 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(165, 240, 222) }
```

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

```
.border{ border-color:rgb(165, 240, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 240, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 240, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 240, 222);  
box-shadow:4px 4px 4px 4px rgb(165, 240,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5934, 0.2771, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 240, 222) }
```

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

```
.background{ background-color: rgb(165,  
240, 222) }
```

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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