

Converting Colors

$Y_{xy}(75.9195, 0.2734, 0.3770)$

Have a look what the booklet for
Yxy(75.9195, 0.2734, 0.3770)
contains.

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Color

Yxy(76.0305, 0.2737, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	8DF6CE
RGB	141, 246, 206
RGB Percent	55%, 96%, 81%
CMY	0.4466, 0.0353, 0.1921
CMYK	0.43, 0.00, 0.16, 0.04
HSL	157°, 85%, 76%
HSV	157°, 43%, 96%
XYZ	55.0954, 76.0305, 70.1727
YIQ	210.0450, -49.7400, -34.7000

Conversions

Conversions Part 2

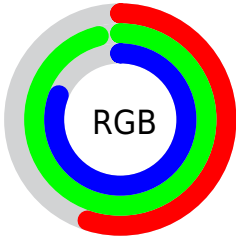
Format	Color
RYB	141, 206, 246
Decimal	9303758
CIELab	89.87, -39.45, 9.78
CIELCh	90, 40.649, 166.072
Yxy	76.0305, 0.2737, 0.3777
Android (android.graphics.Color)	4287493838 (0xFF8DF6CE)
YUV	210.0450, -1.9942, -60.5525
Hunter-Lab	87.1955, -39.8048, 13.3217

Details

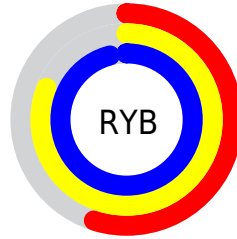
The Yxy color **76.0305, 0.2737, 0.3777** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.0118, 0.3807, 0.2861**, and the grayscale version is **64.5358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **40.5470, 0.2642, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **73.6671, 0.2672, 0.3916**, and if you desaturate by 10%, it is **78.9061, 0.2816, 0.3646**.

Distribution



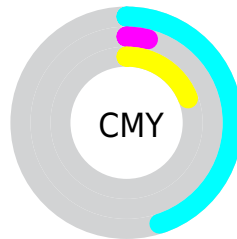
- Red (55%)
- Green (96%)
- Blue (81%)



- Red (55%)
- Yellow (81%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)





- Cyan (45%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0305, 0.2737, 0.3777 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 76.0305, 0.2737, 0.3777 by changing the saturation by 10% instead.


 76.0305, 0.2737,
0.3777


 76.0305, 0.2737,
0.3777


481.4521, 0.2919,
0.3546

 56.4575, 0.2695,
0.3831


 127.7700, 0.2801,
0.3696

 40.5699, 0.2643,
0.3899

 160.7053, 0.2825,
0.3664

 27.9831, 0.2576,
0.3986


198.8636, 0.2846,
0.3637

 18.3129, 0.2489,
0.4102

242.6291, 0.2865,
0.3614

 11.1749, 0.2369,
0.4264

292.3863, 0.2881,
0.3594

 6.1846, 0.2196,
0.4504


348.5196, 0.2895,


 2.9577, 0.1923,


0.3576


0.4896


411.4134, 0.2908,
0.3560


 1.1097, 0.0448,
0.6560

 0.0000, 0.0000,
0.0000


 76.0305, 0.2737,
0.3777


 76.0305, 0.2737,
0.3777


 73.6671, 0.2672,
0.3916


 78.9061, 0.2816,
0.3646


 71.7743, 0.2623,
0.4062


 82.3144, 0.2904,
0.3525


 70.3187, 0.2594,
0.4211


 86.2856, 0.3000,
0.3414

 69.2582, 0.2585,
0.4361

 90.8452, 0.3100,
0.3315

 68.5421, 0.2596,
0.4508

 94.2494, 0.3144,
0.3224

 68.1791, 0.2615,
0.4615

 94.3844, 0.3131,
0.3204

Harmonies

Analogous

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



76.0305, 0.3196, 0.4103



76.0305, 0.2737, 0.3777



76.0305, 0.2399, 0.3301

Triad

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



76.0305, 0.2737, 0.3777



76.0305, 0.2575, 0.2519



76.0305, 0.4089, 0.3594

Complementary

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



76.0305, 0.2737, 0.3777



42.0118, 0.3807, 0.2861

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.



76.0305, 0.3903, 0.3210



76.0305, 0.2737, 0.3777



76.0305, 0.2998, 0.2617

Square

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



76.0305, 0.2737, 0.3777



76.0305, 0.2314, 0.2598



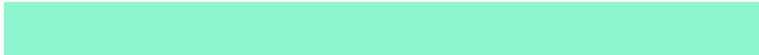
76.0305, 0.3490, 0.2863



76.0305, 0.3992, 0.3941

Rectangle

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



76.0305, 0.2737, 0.3777



76.0305, 0.2277, 0.2998



76.0305, 0.3490, 0.2863



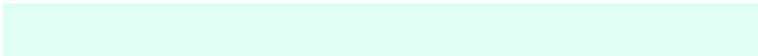
76.0305, 0.4058, 0.3466

Sweetspot

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



76.0336, 0.2737, 0.3777



93.4587, 0.2996, 0.3418



77.6922, 0.3311, 0.4522



19.7896, 0.2975, 0.3442



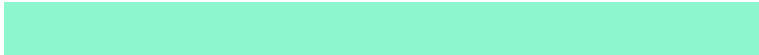
0.0000, 0.0000, 0.0000



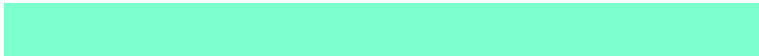
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0336, 0.2737, 0.3777



80.3050, 0.2681, 0.3894



71.0299, 0.2523, 0.3144



18.6445, 0.3031, 0.3382



36.4235, 0.2609, 0.4591



3.2213, 0.2558, 0.4409

Inverse Universe

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



42.0118, 0.3807, 0.2861



38.9907, 0.4015, 0.2783



44.4122, 0.4186, 0.3426



16.5870, 0.3234, 0.3200



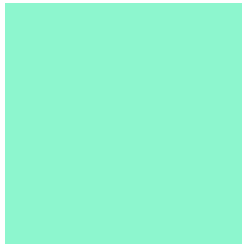
10.9121, 0.5456, 0.2779



0.9784, 0.5117, 0.2593

Previews

White Background



This preview shows how the Yxy color 76.0305, 0.2737, 0.3777 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 76.0305, 0.2737, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

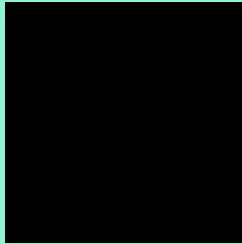
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0305, 0.2737, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 76.0305, 0.2737, 0.3777.

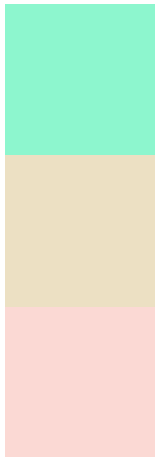


This preview shows how white text looks on a background with the Yxy color 76.0305, 0.2737, 0.3777.

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



Original Color

76.0305, 0.2737, 0.3777

Protanopia

75.0843, 0.3409, 0.3600

Deuteranopia

74.8884, 0.3413, 0.3342



Tritanopia

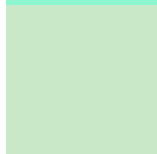
75.5749, 0.2591, 0.3086

Trichromacy



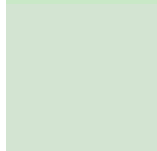
Original Color

76.0305, 0.2737, 0.3777



Protanomaly

74.2543, 0.3123, 0.3666



Deuteranomaly

73.9888, 0.3125, 0.3490



Tritanomaly

75.4032, 0.2643, 0.3323

Monochromacy



Original Color

76.0305, 0.2737, 0.3777



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.6931, 0.2955, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0305, 0.2737, 0.3777 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(141, 246, 206)` looks like.

```
.text, #text, p{  
    color:rgb(141, 246, 206)  
}
```

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(141, 246, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 246, 206) }
```

Border

The CSS property to change the border of an element to Yxy 76.0305, 0.2737, 0.3777 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(141, 246, 206) }
```

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

```
.border{ border-color:rgb(141, 246, 206) }
```

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

Here you see how a box with a 4 pixel rgb(141, 246, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 246, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 246, 206);  
box-shadow:4px 4px 4px 4px rgb(141, 246,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0305, 0.2737, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 246, 206) }
```

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

```
.background{ background-color: rgb(141,  
246, 206) }
```

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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