

Converting Colors

$Yxy(77.4556, 0.2895, 0.3874)$

Have a look what the booklet for
Yxy(77.4556, 0.2895, 0.3874)
contains.

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Color

Yxy(77.6241, 0.2892, 0.3875)

Conversions

Conversions Part 1

Format	Color
Hex	A2F6C5
RGB	162, 246, 197
RGB Percent	64%, 96%, 77%
CMY	0.3648, 0.0353, 0.2274
CMYK	0.34, 0.00, 0.20, 0.04
HSL	145°, 82%, 80%
HSV	145°, 34%, 96%
XYZ	57.9326, 77.6241, 64.7635
YIQ	215.2980, -34.3350, -33.0470

Conversions

Conversions Part 2

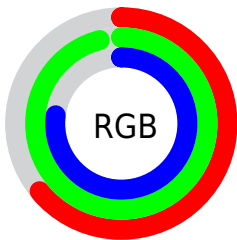
Format	Color
RYB	162, 221, 246
Decimal	10680005
CIELab	90.61, -35.58, 15.61
CIELCh	91, 38.857, 156.315
Yxy	77.6241, 0.2892, 0.3875
Android (android.graphics.Color)	4288870085 (0xFFA2F6C5)
YUV	215.2980, -9.0209, -46.7423
Hunter-Lab	88.1045, -36.8113, 18.0905

Details

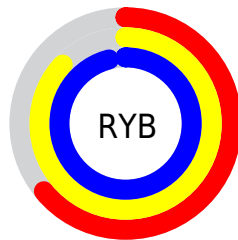
The Yxy color **77.6241, 0.2892, 0.3875** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.1298, 0.3467, 0.2773**, and the grayscale version is **68.2471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7358, 0.2917, 0.3300**, and **41.5042, 0.2832, 0.4022** is the 20% darker color. If you saturate the color by 10%, you get **74.6718, 0.2836, 0.4084**, and if you desaturate by 10%, it is **81.1492, 0.2956, 0.3682**.

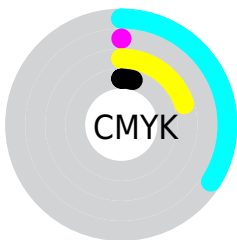
Distribution



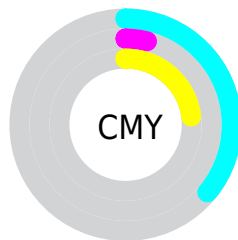
- Red (64%)
- Green (96%)
- Blue (77%)



- Red (64%)
- Yellow (87%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)




- Cyan (36%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.6241, 0.2892, 0.3875 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 77.6241, 0.2892, 0.3875 by changing the saturation by 10% instead.


 77.6241, 0.2892,
0.3875


 77.6241, 0.2892,
0.3875


486.8893, 0.3005,
0.3596

 57.7652, 0.2865,
0.3941


 130.0201, 0.2932,
0.3776

 41.6199, 0.2831,
0.4023


 163.3260, 0.2947,
0.3739

 28.8038, 0.2788,
0.4129

201.8831, 0.2961,
0.3706

 18.9325, 0.2729,
0.4271

246.0757, 0.2972,
0.3678

 11.6215, 0.2647,
0.4469

296.2882, 0.2982,
0.3654

 6.4865, 0.2523,
0.4764


352.9050, 0.2990,


 3.1431, 0.2317,


0.3632


416.3106, 0.2998,
0.3613


0.5247


 1.2069, 0.1508,
0.7351


 0.0673, 0.0000,
1.0000


 77.6241, 0.2892,
0.3875


 77.6241, 0.2892,
0.3875


 74.6718, 0.2836,
0.4084


 81.1492, 0.2956,
0.3682


 72.2515, 0.2792,
0.4306

 85.2664, 0.3025,
0.3507

 70.3321, 0.2762,
0.4536

 90.0056, 0.3097,
0.3350

 68.8748, 0.2751,
0.4766

 94.3564, 0.3135,
0.3210

■ 67.8352, 0.2759,
0.4989

■ 94.3957, 0.3131,
0.3204

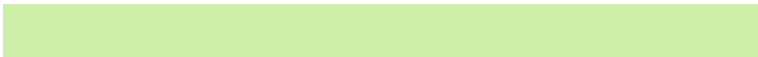
■ 67.1591, 0.2786,
0.5195

■ 66.8867, 0.2807,
0.5307

Harmonies

Analogous

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



77.6241, 0.3344, 0.4104



77.6241, 0.2892, 0.3875



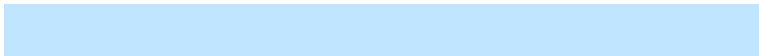
77.6241, 0.2521, 0.3452

Triad

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



77.6241, 0.2892, 0.3875



77.6241, 0.2501, 0.2560



77.6241, 0.4012, 0.3464

Complementary

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



77.6241, 0.2892, 0.3875



50.1298, 0.3467, 0.2773

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.



77.6241, 0.3754, 0.3100



77.6241, 0.2892, 0.3875



77.6241, 0.2862, 0.2600

Square

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



77.6241, 0.2892, 0.3875



77.6241, 0.2311, 0.2697



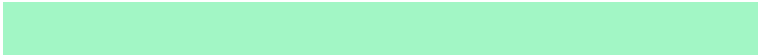
77.6241, 0.3321, 0.2794



77.6241, 0.4008, 0.3814

Rectangle

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



77.6241, 0.2892, 0.3875



77.6241, 0.2363, 0.3150



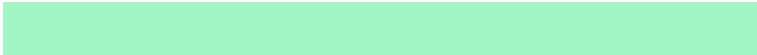
77.6241, 0.3321, 0.2794



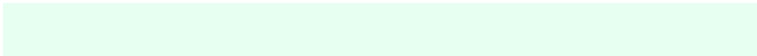
77.6241, 0.3953, 0.3340

Sweetspot

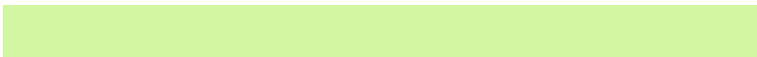
The Sweet Spot groups the original color and five complimentary colors.



77.6273, 0.2892, 0.3875



94.5596, 0.3055, 0.3440



82.3721, 0.3397, 0.4218



20.0879, 0.3045, 0.3462



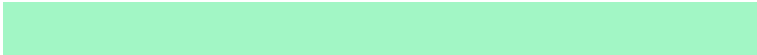
0.0000, 0.0000, 0.0000



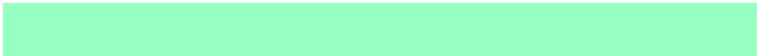
21.4041, 0.3127, 0.3290

Same Dimension

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



77.6273, 0.2892, 0.3875



81.9440, 0.2852, 0.4018



79.8275, 0.2677, 0.3368



18.5867, 0.3059, 0.3431



35.7257, 0.2799, 0.5276



3.1599, 0.2730, 0.5028

Inverse Universe

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



50.1298, 0.3467, 0.2773



47.9400, 0.3562, 0.2667



48.2922, 0.3868, 0.3216



16.6446, 0.3202, 0.3153



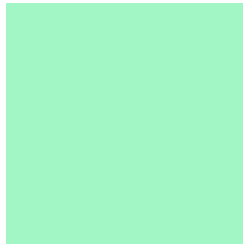
11.5519, 0.4611, 0.2314



1.0358, 0.4387, 0.2190

Previews

White Background



This preview shows how the Yxy color 77.6241, 0.2892, 0.3875 looks on a white background.

Color Contrast Check

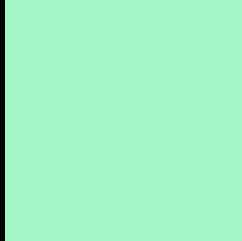
Large Text (above 18pt) WCAG AA × Fail

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 77.6241, 0.2892, 0.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

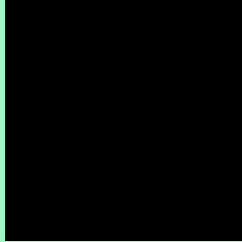
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.6241, 0.2892, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 77.6241, 0.2892, 0.3875.

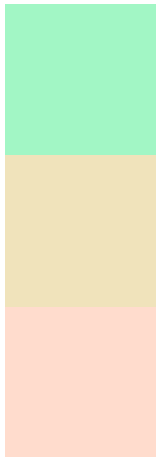


This preview shows how white text looks on a background with the Yxy color 77.6241, 0.2892, 0.3875.

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

77.6241, 0.2892, 0.3875

Protanopia

77.0513, 0.3488, 0.3713

Deuteranopia

76.8542, 0.3488, 0.3443



Tritanopia

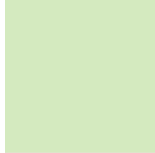
77.3721, 0.2674, 0.3091

Trichromacy



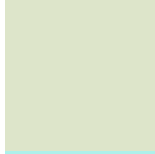
Original Color

77.6241, 0.2892, 0.3875



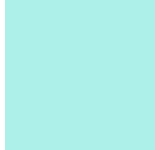
Protanomaly

76.6043, 0.3247, 0.3770



Deuteranomaly

75.6750, 0.3246, 0.3586



Tritanomaly

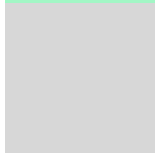
77.1449, 0.2752, 0.3357

Monochromacy



Original Color

77.6241, 0.2892, 0.3875



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.6825, 0.3035, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6241, 0.2892, 0.3875 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(162, 246, 197)` looks like.

```
.text, #text, p{  
    color:rgb(162, 246, 197)  
}
```

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(162, 246, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 246, 197) }
```

Border

The CSS property to change the border of an element to Yxy 77.6241, 0.2892, 0.3875 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(162, 246, 197) }
```

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

```
.border{ border-color:rgb(162, 246, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 246, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 246, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 246, 197);  
box-shadow:4px 4px 4px 4px rgb(162, 246,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 77.6241, 0.2892, 0.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 246, 197) }
```

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

```
.background{ background-color: rgb(162,  
246, 197) }
```

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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