

Converting Colors

$Yxy(78.6836, 0.2776, 0.3752)$

Have a look what the booklet for
Yxy(78.6836, 0.2776, 0.3752)
contains.

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Color

Yxy(78.4633, 0.2773, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	98F8D2
RGB	152, 248, 210
RGB Percent	60%, 97%, 82%
CMY	0.4041, 0.0274, 0.1763
CMYK	0.39, 0.00, 0.15, 0.03
HSL	156°, 87%, 78%
HSV	156°, 39%, 97%
XYZ	58.1450, 78.4633, 73.0745
YIQ	214.9640, -45.0180, -32.1700

Conversions

Conversions Part 2

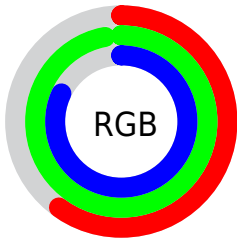
Format	Color
RYB	152, 212, 248
Decimal	10025170
CIELab	90.99, -36.72, 9.36
CIELCh	91, 37.891, 165.695
Yxy	78.4633, 0.2773, 0.3742
Android (android.graphics.Color)	4288215250 (0xFF98F8D2)
YUV	214.9640, -2.4473, -55.2194
Hunter-Lab	88.5795, -37.8438, 13.0938

Details

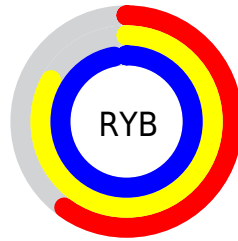
The Yxy color **78.4633, 0.2773, 0.3742** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **46.1130, 0.3706, 0.2886**, and the grayscale version is **67.9648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **42.1487, 0.2687, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **75.8454, 0.2704, 0.3884**, and if you desaturate by 10%, it is **81.6177, 0.2854, 0.3610**.

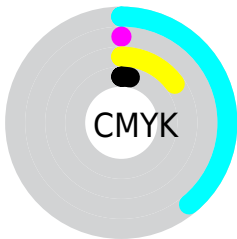
Distribution



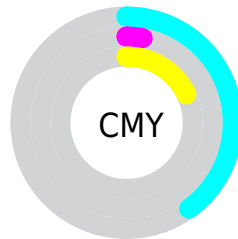
- Red (60%)
- Green (97%)
- Blue (82%)



- Red (60%)
- Yellow (83%)
- Blue (97%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (40%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.4633, 0.2773, 0.3742 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 78.4633, 0.2773, 0.3742 by changing the saturation by 10% instead.


 78.4633, 0.2773,
0.3742


 78.4633, 0.2773,
0.3742


489.7388, 0.2938,
0.3529

 58.4546, 0.2735,
0.3792


 131.2030, 0.2830,
0.3667

 42.1743, 0.2689,
0.3853


 164.7029, 0.2852,
0.3639

 29.2378, 0.2629,
0.3932


203.4686, 0.2872,
0.3614

 19.2608, 0.2552,
0.4037

247.8846, 0.2888,
0.3592

 11.8589, 0.2446,
0.4182

298.3352, 0.2903,
0.3574

 6.6476, 0.2293,
0.4396

355.2048, 0.2916,


 3.2427, 0.2055,


0.3557


0.4740

418.8779, 0.2927,
0.3542


 1.2597, 0.1188,
0.5752

 0.1097, 0.0000,
1.0000


 78.4633, 0.2773,
0.3742


 78.4633, 0.2773,
0.3742


 75.8454, 0.2704,
0.3884

 81.6177, 0.2854,
0.3610

 73.7225, 0.2650,
0.4033

 85.3284, 0.2945,
0.3488

 72.0623, 0.2614,
0.4187

 89.6255, 0.3041,
0.3377

 70.8243, 0.2598,
0.4344

 94.5342, 0.3140,
0.3278

■ 69.9608, 0.2603,
0.4498

■ 95.6211, 0.3130,
0.3223

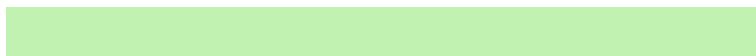
■ 69.4024, 0.2626,
0.4648

■ 69.3419, 0.2630,
0.4667

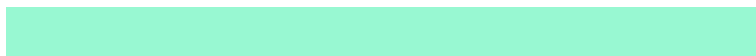
Harmonies

Analogous

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



78.4633, 0.3200, 0.4038



78.4633, 0.2773, 0.3742



78.4633, 0.2456, 0.3308

Triad

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



78.4633, 0.2773, 0.3742



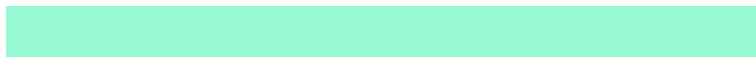
78.4633, 0.2612, 0.2573



78.4633, 0.4014, 0.3572

Complementary

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



78.4633, 0.2773, 0.3742



46.1130, 0.3706, 0.2886

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.



78.4633, 0.3838, 0.3214



78.4633, 0.2773, 0.3742



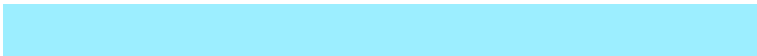
78.4633, 0.3004, 0.2662

Square

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



78.4633, 0.2773, 0.3742



78.4633, 0.2370, 0.2652



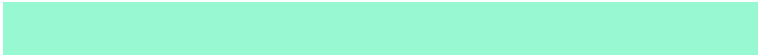
78.4633, 0.3458, 0.2891



78.4633, 0.3930, 0.3893

Rectangle

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



78.4633, 0.2773, 0.3742



78.4633, 0.2340, 0.3029



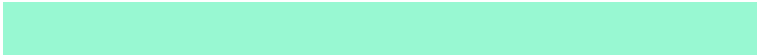
78.4633, 0.3458, 0.2891



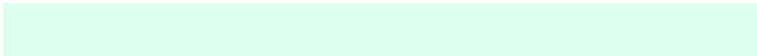
78.4633, 0.3984, 0.3453

Sweetspot

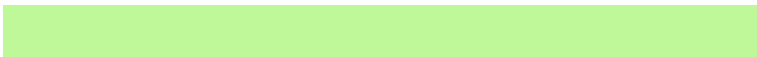
The Sweet Spot groups the original color and five complimentary colors.



78.4665, 0.2773, 0.3742



93.8965, 0.3009, 0.3412



80.4018, 0.3310, 0.4394



19.9677, 0.2996, 0.3427



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

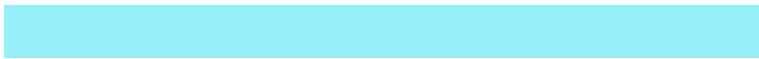
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4665, 0.2773, 0.3742



81.4827, 0.2721, 0.3845



74.8332, 0.2573, 0.3178



19.4856, 0.3033, 0.3385



37.4835, 0.2623, 0.4643



3.4925, 0.2573, 0.4463

Inverse Universe

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



46.1130, 0.3706, 0.2886



42.8147, 0.3870, 0.2811



47.9081, 0.4057, 0.3397



17.3389, 0.3232, 0.3197



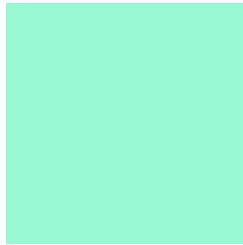
11.2830, 0.5401, 0.2749



1.0652, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 78.4633, 0.2773, 0.3742 looks on a white background.

Color Contrast Check

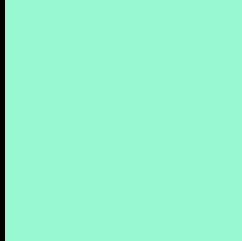
Large Text (above 18pt) WCAG AA × Fail

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 78.4633, 0.2773, 0.3742 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

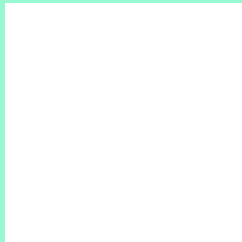
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.4633, 0.2773, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 78.4633, 0.2773, 0.3742.

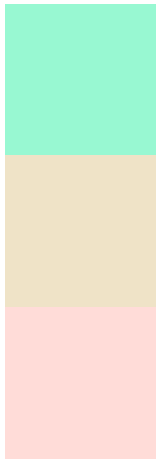


This preview shows how white text looks on a background with the Yxy color 78.4633, 0.2773, 0.3742.

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

78.4633, 0.2773, 0.3742

Protanopia

77.4124, 0.3399, 0.3586

Deuteranopia

77.4043, 0.3410, 0.3331



Tritanopia

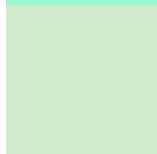
78.3001, 0.2666, 0.3113

Trichromacy



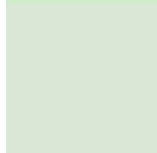
Original Color

78.4633, 0.2773, 0.3742



Protanomaly

76.9939, 0.3137, 0.3648



Deuteranomaly

76.3541, 0.3146, 0.3464



Tritanomaly

78.0611, 0.2702, 0.3323

Monochromacy



Original Color

78.4633, 0.2773, 0.3742



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.9487, 0.2978, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4633, 0.2773, 0.3742 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(152, 248, 210)` looks like.

```
.text, #text, p{  
    color:rgb(152, 248, 210)  
}
```

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(152, 248, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 248, 210) }
```

Border

The CSS property to change the border of an element to Yxy 78.4633, 0.2773, 0.3742 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(152, 248, 210) }
```

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

```
.border{ border-color:rgb(152, 248, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 248, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 248, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 248, 210);  
box-shadow:4px 4px 4px 4px rgb(152, 248,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4633, 0.2773, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 248, 210) }
```

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

```
.background{ background-color: rgb(152,  
248, 210) }
```

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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