

Converting Colors

$Yxy(79.0303, 0.2746, 0.3599)$

Have a look what the booklet for
Yxy(79.0303, 0.2746, 0.3599)
contains.

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Color

Yxy(78.9101, 0.2742, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	9DF7DD
RGB	157, 247, 221
RGB Percent	62%, 97%, 87%
CMY	0.3846, 0.0313, 0.1334
CMYK	0.36, 0.00, 0.11, 0.03
HSL	163°, 85%, 79%
HSV	163°, 36%, 97%
XYZ	60.2035, 78.9101, 80.4470
YIQ	217.1260, -45.2940, -27.1660

Conversions

Conversions Part 2

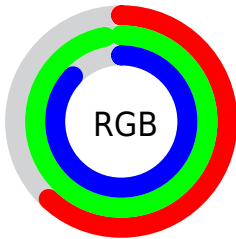
Format	Color
RYB	157, 210, 247
Decimal	10352605
CIELab	91.19, -32.64, 4.01
CIELCh	91, 32.884, 172.995
Yxy	78.9101, 0.2742, 0.3594
Android (android.graphics.Color)	4288542685 (0xFF9DF7DD)
YUV	217.1260, 1.9099, -52.7305
Hunter-Lab	88.8314, -34.4804, 8.4880

Details

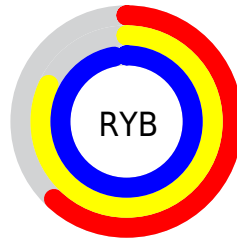
The Yxy color **78.9101, 0.2742, 0.3594** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **47.2862, 0.3754, 0.3011**, and the grayscale version is **69.4794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **42.3468, 0.2652, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **76.3036, 0.2659, 0.3694**, and if you desaturate by 10%, it is **82.0413, 0.2837, 0.3501**.

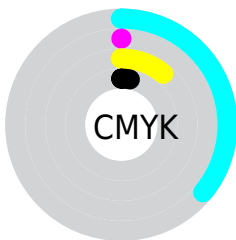
Distribution



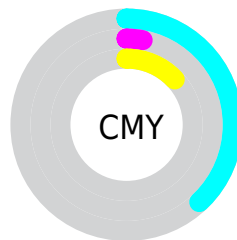
- Red (62%)
- Green (97%)
- Blue (87%)



- Red (62%)
- Yellow (82%)
- Blue (97%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)





- Cyan (38%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9101, 0.2742, 0.3594 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 78.9101, 0.2742, 0.3594 by changing the saturation by 10% instead.


 78.9101, 0.2742,
0.3594


 78.9101, 0.2742,
0.3594


491.2522, 0.2918,
0.3453

 58.8219, 0.2702,
0.3626


 131.8323, 0.2803,
0.3545

 42.4698, 0.2653,
0.3666


 165.4351, 0.2827,
0.3526

 29.4693, 0.2592,
0.3717


204.3115, 0.2847,
0.3510

 19.4361, 0.2512,
0.3783

248.8460, 0.2865,
0.3495

 11.9858, 0.2404,
0.3873

299.4229, 0.2881,
0.3483

 6.7340, 0.2251,
0.4003

356.4266, 0.2895,

 3.2963, 0.2020,

0.3472

0.4207

420.2416, 0.2907,
0.3462

■ 1.2883, 0.1390,
0.4698

■ 0.1321, 0.0000,
1.0000

■ 78.9101, 0.2742,
0.3594

■ 78.9101, 0.2742,
0.3594

■ 76.3036, 0.2659,
0.3694

■ 82.0413, 0.2837,
0.3501

■ 74.1816, 0.2592,
0.3799

■ 85.7158, 0.2942,
0.3415

■ 72.5133, 0.2543,
0.3907

■ 89.9628, 0.3053,
0.3337

■ 71.2603, 0.2514,
0.4018

■ 94.6661, 0.3163,
0.3266

■ 70.3775, 0.2505,
0.4129

■ 95.0128, 0.3131,
0.3214

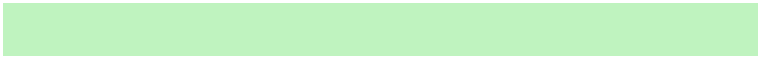
■ 69.8088, 0.2515,
0.4238

■ 69.6521, 0.2521,
0.4277

Harmonies

Analogous

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



78.9101, 0.3100, 0.3887



78.9101, 0.2742, 0.3594



78.9101, 0.2496, 0.3218

Triad

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



78.9101, 0.2742, 0.3594



78.9101, 0.2753, 0.2668



78.9101, 0.3898, 0.3616

Complementary

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



78.9101, 0.2742, 0.3594



47.2862, 0.3754, 0.3011

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.



78.9101, 0.3798, 0.3304



78.9101, 0.2742, 0.3594



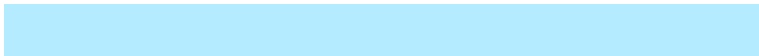
78.9101, 0.3117, 0.2778

Square

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



78.9101, 0.2742, 0.3594



78.9101, 0.2503, 0.2703



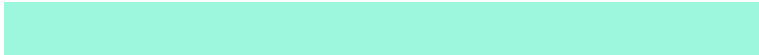
78.9101, 0.3505, 0.3005



78.9101, 0.3776, 0.3871

Rectangle

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



78.9101, 0.2742, 0.3594



78.9101, 0.2421, 0.2990



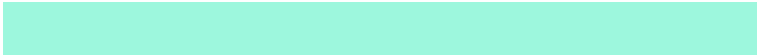
78.9101, 0.3505, 0.3005



78.9101, 0.3890, 0.3514

Sweetspot

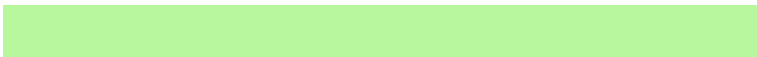
The Sweet Spot groups the original color and five complimentary colors.



78.9133, 0.2742, 0.3594



94.5515, 0.3002, 0.3371



79.1500, 0.3242, 0.4342



20.1056, 0.2987, 0.3382



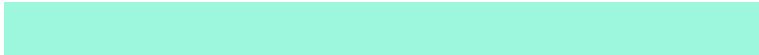
0.0000, 0.0000, 0.0000



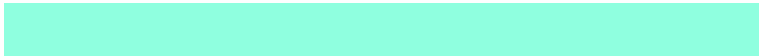
21.4041, 0.3127, 0.3290

Same Dimension

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



78.9133, 0.2742, 0.3594



82.6461, 0.2678, 0.3669



69.9170, 0.2586, 0.3080



18.6714, 0.3019, 0.3359



36.8563, 0.2516, 0.4258



3.2571, 0.2478, 0.4121

Inverse Universe

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



47.2862, 0.3754, 0.3011



43.9493, 0.3951, 0.2953



52.8496, 0.3944, 0.3488



16.5613, 0.3248, 0.3222



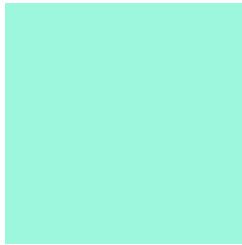
10.7225, 0.5802, 0.2970



0.9595, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 78.9101, 0.2742, 0.3594 looks on a white background.

Color Contrast Check

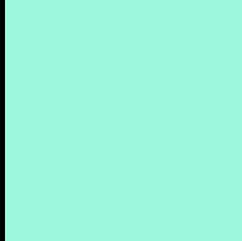
Large Text (above 18pt) WCAG AA × Fail

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 78.9101, 0.2742, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

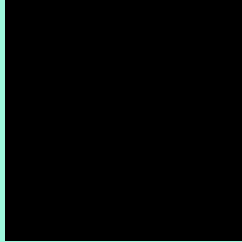
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

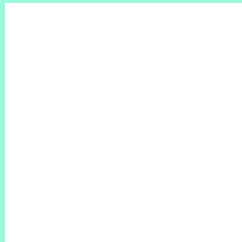
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9101, 0.2742, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 78.9101, 0.2742, 0.3594.

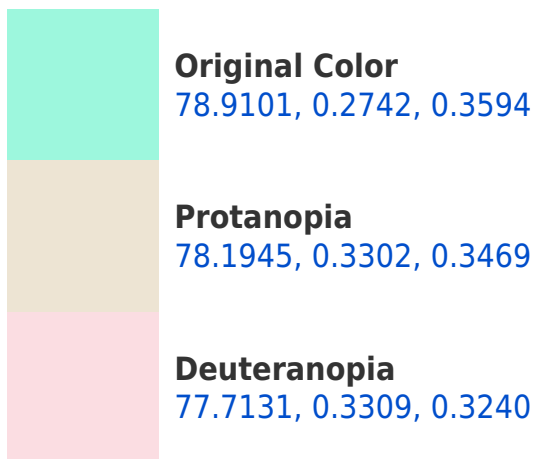


This preview shows how white text looks on a background with the Yxy color 78.9101, 0.2742, 0.3594.

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

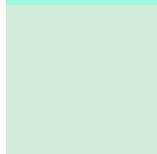
78.6563, 0.2682, 0.3114

Trichromacy



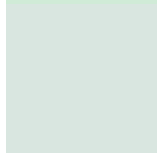
Original Color

78.9101, 0.2742, 0.3594



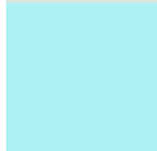
Protanomaly

77.7329, 0.3070, 0.3510



Deuteranomaly

76.7272, 0.3077, 0.3355



Tritanomaly

78.7460, 0.2703, 0.3278

Monochromacy



Original Color

78.9101, 0.2742, 0.3594



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.1509, 0.2967, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9101, 0.2742, 0.3594 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(157, 247, 221)` looks like.

```
.text, #text, p{  
    color:rgb(157, 247, 221)  
}
```

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(157, 247, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 247, 221) }
```

Border

The CSS property to change the border of an element to Yxy 78.9101, 0.2742, 0.3594 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(157, 247, 221) }
```

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

```
.border{ border-color:rgb(157, 247, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 247, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 247, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 247, 221);  
box-shadow:4px 4px 4px 4px rgb(157, 247,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9101, 0.2742, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 247, 221) }
```

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

```
.background{ background-color: rgb(157,  
247, 221) }
```

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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