

Converting Colors

$Yxy(74.1680, 0.2828, 0.3893)$

Have a look what the booklet for
Yxy(74.1680, 0.2828, 0.3893)
contains.

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Color

Yxy(74.2921, 0.2830, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	94F3C2
RGB	148, 243, 194
RGB Percent	58%, 95%, 76%
CMY	0.4195, 0.0471, 0.2392
CMYK	0.39, 0.00, 0.20, 0.05
HSL	149°, 80%, 77%
HSV	149°, 39%, 95%
XYZ	54.0063, 74.2921, 62.5367
YIQ	209.0090, -40.8910, -35.3790

Conversions

Conversions Part 2

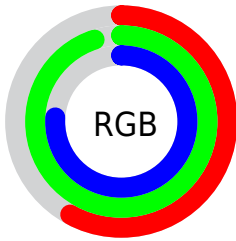
Format	Color
RYB	148, 212, 243
Decimal	9761730
CIELab	89.06, -38.71, 14.89
CIELCh	89, 41.480, 158.961
Yxy	74.2921, 0.2830, 0.3893
Android (android.graphics.Color)	4287951810 (0xFF94F3C2)
YUV	209.0090, -7.3994, -53.5049
Hunter-Lab	86.1929, -38.9938, 17.3175

Details

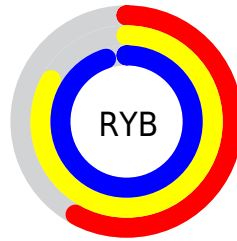
The Yxy color **74.2921, 0.2830, 0.3893** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.2785, 0.3596, 0.2763**, and the grayscale version is **63.8430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4642, 0.2853, 0.3331**, and **39.2866, 0.2754, 0.4051** is the 20% darker color. If you saturate the color by 10%, you get **71.7215, 0.2773, 0.4082**, and if you desaturate by 10%, it is **77.3919, 0.2898, 0.3717**.

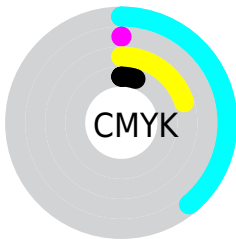
Distribution



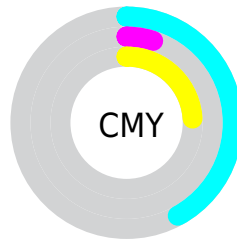
- Red (58%)
- Green (95%)
- Blue (76%)



- Red (58%)
- Yellow (83%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)





- Cyan (42%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2921, 0.2830, 0.3893 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 74.2921, 0.2830, 0.3893 by changing the saturation by 10% instead.


 74.2921, 0.2830,
0.3893

 74.2921, 0.2830,
0.3893


475.4809, 0.2973,
0.3603

 55.0331, 0.2796,
0.3962


 125.3098, 0.2881,
0.3790

 39.4283, 0.2754,
0.4049


 157.8373, 0.2900,
0.3751

 27.0930, 0.2699,
0.4161


195.5565, 0.2916,
0.3717

 17.6431, 0.2625,
0.4312

238.8517, 0.2931,
0.3688

 10.6941, 0.2521,
0.4526

288.1074, 0.2943,
0.3663

 5.8615, 0.2365,
0.4847

343.7079, 0.2954,

 2.7611, 0.2106,

0.3640

0.5384

406.0376, 0.2964,
0.3620

■ 1.0083, 0.0077,
0.9444

■ 0.0000, 0.0000,
0.0000

■ 74.2921, 0.2830,
0.3893

■ 74.2921, 0.2830,
0.3893

■ 71.7215, 0.2773,
0.4082

■ 77.3919, 0.2898,
0.3717

■ 69.6399, 0.2730,
0.4282

■ 81.0404, 0.2973,
0.3555

■ 68.0156, 0.2704,
0.4486

■ 85.2670, 0.3053,
0.3409

■ 66.8094, 0.2698,
0.4690

■ 90.0964, 0.3135,
0.3279

■ 65.9747, 0.2712,
0.4888

■ 92.5803, 0.3133,
0.3175

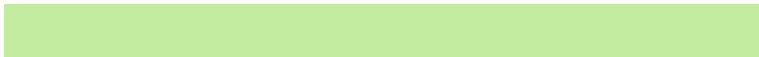
■ 65.4417, 0.2744,
0.5073

■ 65.3997, 0.2747,
0.5090

Harmonies

Analogous

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



74.2921, 0.3314, 0.4166



74.2921, 0.2830, 0.3893



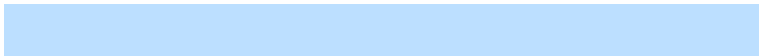
74.2921, 0.2445, 0.3419

Triad

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



74.2921, 0.2830, 0.3893



74.2921, 0.2480, 0.2501



74.2921, 0.4098, 0.3507

Complementary

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



74.2921, 0.2830, 0.3893



44.2785, 0.3596, 0.2763

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.



74.2921, 0.3841, 0.3116



74.2921, 0.2830, 0.3893



74.2921, 0.2880, 0.2561

Square

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



74.2921, 0.2830, 0.3893



74.2921, 0.2259, 0.2627



74.2921, 0.3381, 0.2781



74.2921, 0.4065, 0.3881

Rectangle

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



74.2921, 0.2830, 0.3893



74.2921, 0.2289, 0.3094



74.2921, 0.3381, 0.2781



74.2921, 0.4042, 0.3375

Sweetspot

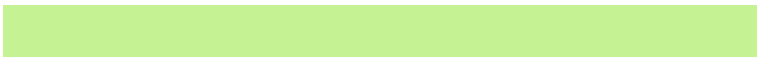
The Sweet Spot groups the original color and five complimentary colors.



74.2951, 0.2830, 0.3893



93.6759, 0.3029, 0.3450



78.1235, 0.3387, 0.4377



19.9158, 0.3019, 0.3469



0.0000, 0.0000, 0.0000



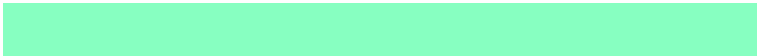
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2951, 0.2830, 0.3893



80.5412, 0.2783, 0.4044



76.7754, 0.2593, 0.3307



18.6057, 0.3050, 0.3415



35.9212, 0.2739, 0.5061



3.1778, 0.2674, 0.4828

Inverse Universe

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



44.2785, 0.3596, 0.2763



42.6601, 0.3737, 0.2657



42.4358, 0.4093, 0.3275



16.6253, 0.3213, 0.3169



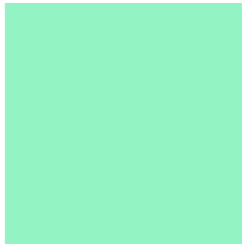
11.3030, 0.4893, 0.2469



1.0142, 0.4624, 0.2321

Previews

White Background



This preview shows how the Yxy color 74.2921, 0.2830, 0.3893 looks on a white background.

Color Contrast Check

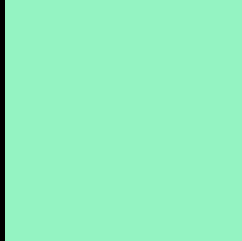
Large Text (above 18pt) WCAG AA × Fail

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 74.2921, 0.2830, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

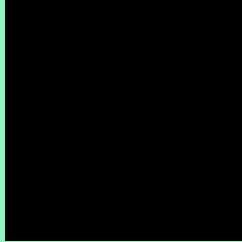
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2921, 0.2830, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 74.2921, 0.2830, 0.3893.

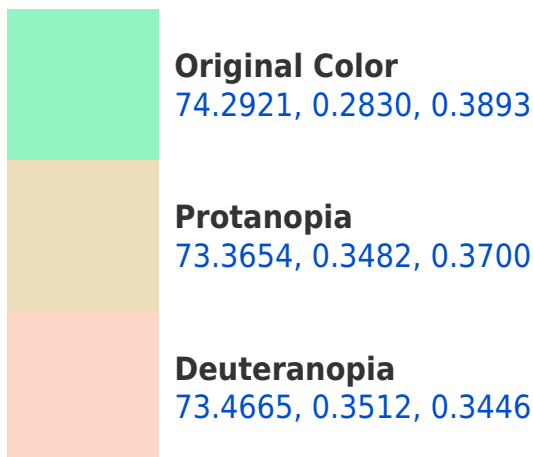


This preview shows how white text looks on a background with the Yxy color 74.2921, 0.2830, 0.3893.

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

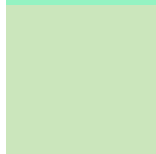
74.2538, 0.2587, 0.3074

Trichromacy



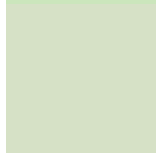
Original Color

74.2921, 0.2830, 0.3893



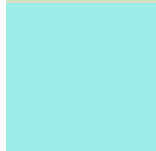
Protanomaly

72.9210, 0.3207, 0.3772



Deuteranomaly

72.2238, 0.3226, 0.3593



Tritanomaly

74.1434, 0.2675, 0.3359

Monochromacy



Original Color

74.2921, 0.2830, 0.3893



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.6373, 0.3000, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2921, 0.2830, 0.3893 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(148, 243, 194)` looks like.

```
.text, #text, p{  
    color:rgb(148, 243, 194)  
}
```

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(148, 243, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 243, 194) }
```

Border

The CSS property to change the border of an element to Yxy 74.2921, 0.2830, 0.3893 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(148, 243, 194) }
```

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

```
.border{ border-color:rgb(148, 243, 194) }
```

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

Here you see how a box with a 4 pixel rgb(148, 243, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 243, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 243, 194);  
box-shadow:4px 4px 4px 4px rgb(148, 243,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2921, 0.2830, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 243, 194) }
```

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

```
.background{ background-color: rgb(148,  
243, 194) }
```

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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