

Converting Colors

$Yxy(74.2343, 0.2876, 0.3915)$

Have a look what the booklet for
Yxy(74.2343, 0.2876, 0.3915)
contains.

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Color

Yxy(74.1359, 0.2877, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	9AF2BF
RGB	154, 242, 191
RGB Percent	60%, 95%, 75%
CMY	0.3962, 0.0509, 0.2508
CMYK	0.36, 0.00, 0.21, 0.05
HSL	145°, 77%, 78%
HSV	145°, 36%, 95%
XYZ	54.4799, 74.1359, 60.7479
YIQ	209.8740, -36.0770, -34.5170

Conversions

Conversions Part 2

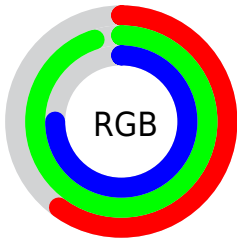
Format	Color
RYB	154, 216, 242
Decimal	10154687
CIELab	88.99, -37.19, 16.36
CIElCh	89, 40.631, 156.249
Yxy	74.1359, 0.2877, 0.3915
Android (android.graphics.Color)	4288344767 (0xFF9AF2BF)
YUV	209.8740, -9.3049, -49.0015
Hunter-Lab	86.1022, -37.7355, 18.4405

Details

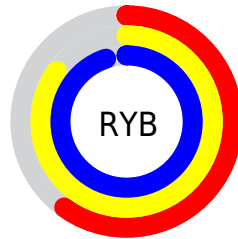
The Yxy color **74.1359, 0.2877, 0.3915** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **46.3823, 0.3500, 0.2743**, and the grayscale version is **64.4396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0843, 0.2908, 0.3372**, and **39.1567, 0.2814, 0.4080** is the 20% darker color. If you saturate the color by 10%, you get **71.4118, 0.2823, 0.4126**, and if you desaturate by 10%, it is **77.4038, 0.2940, 0.3720**.

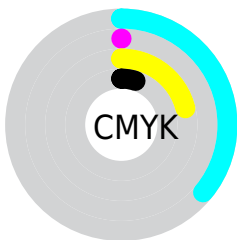
Distribution



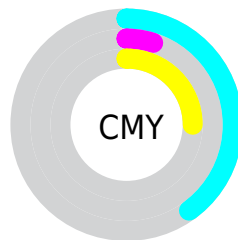
- Red (60%)
- Green (95%)
- Blue (75%)



- Red (60%)
- Yellow (85%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)





- Cyan (40%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1359, 0.2877, 0.3915 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 74.1359, 0.2877, 0.3915 by changing the saturation by 10% instead.


 74.1359, 0.2877,
0.3915


 74.1359, 0.2877,
0.3915


474.9423, 0.2999,
0.3614

 54.9053, 0.2848,
0.3987


 125.0884, 0.2920,
0.3808

 39.3259, 0.2811,
0.4077


 157.5791, 0.2937,
0.3767

 27.0133, 0.2763,
0.4194


195.2587, 0.2951,
0.3732

 17.5832, 0.2698,
0.4352

238.5114, 0.2963,
0.3702

 10.6512, 0.2605,
0.4574

287.7217, 0.2974,
0.3676

 5.8328, 0.2464,
0.4910


343.2740, 0.2983,

 2.7437, 0.2224,


0.3653


0.5471


405.5528, 0.2991,
0.3632


 0.9994, 0.0364,
0.9636


 0.0000, 0.0000,
0.0000


 74.1359, 0.2877,
0.3915

 74.1359, 0.2877,
0.3915

 71.4118, 0.2823,
0.4126


 77.4038, 0.2940,
0.3720

 69.1916, 0.2781,
0.4348

 81.2344, 0.3009,
0.3542

 67.4447, 0.2755,
0.4577

 85.6568, 0.3081,
0.3383

 66.1330, 0.2748,
0.4805

 90.6955, 0.3153,
0.3241

■ 65.2121, 0.2760,
0.5023

■ 91.9894, 0.3133,
0.3166

■ 64.6269, 0.2790,
0.5224

■ 64.4668, 0.2804,
0.5293

Harmonies

Analogous

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



74.1359, 0.3355, 0.4158



74.1359, 0.2877, 0.3915



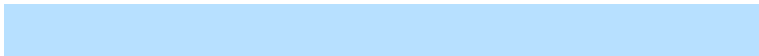
74.1359, 0.2486, 0.3462

Triad

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



74.1359, 0.2877, 0.3915



74.1359, 0.2464, 0.2518



74.1359, 0.4067, 0.3469

Complementary

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



74.1359, 0.2877, 0.3915



46.3823, 0.3500, 0.2743

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.



74.1359, 0.3792, 0.3087



74.1359, 0.2877, 0.3915



74.1359, 0.2844, 0.2562

Square

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



74.1359, 0.2877, 0.3915



74.1359, 0.2264, 0.2661



74.1359, 0.3331, 0.2765



74.1359, 0.4061, 0.3841

Rectangle

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



74.1359, 0.2877, 0.3915



74.1359, 0.2320, 0.3140



74.1359, 0.3331, 0.2765



74.1359, 0.4004, 0.3339

Sweetspot

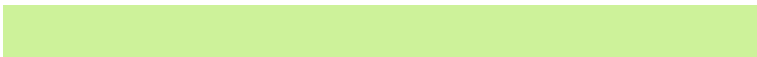
The Sweet Spot groups the original color and five complimentary colors.



74.1390, 0.2877, 0.3915



94.0606, 0.3047, 0.3454



78.8664, 0.3412, 0.4282



19.9886, 0.3037, 0.3476



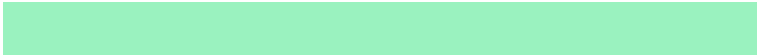
0.0000, 0.0000, 0.0000



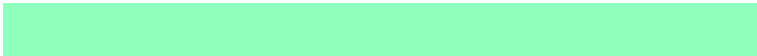
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1390, 0.2877, 0.3915



81.0614, 0.2834, 0.4077



76.3550, 0.2652, 0.3374



17.7668, 0.3058, 0.3430



34.6552, 0.2795, 0.5262



2.9024, 0.2723, 0.5002

Inverse Universe

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



46.3823, 0.3500, 0.2743



45.3870, 0.3611, 0.2627



44.5615, 0.3937, 0.3211



15.9123, 0.3203, 0.3154



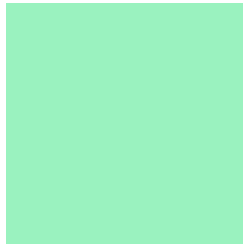
11.1877, 0.4626, 0.2322



0.9505, 0.4388, 0.2191

Previews

White Background



This preview shows how the Yxy color 74.1359, 0.2877, 0.3915 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 74.1359, 0.2877, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

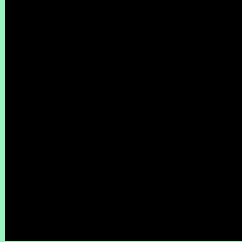
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1359, 0.2877, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 74.1359, 0.2877, 0.3915.

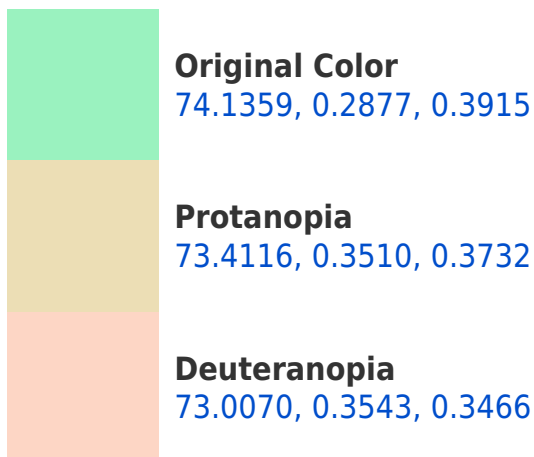


This preview shows how white text looks on a background with the Yxy color 74.1359, 0.2877, 0.3915.

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

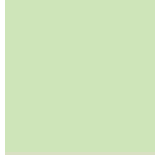
74.0894, 0.2621, 0.3086

Trichromacy



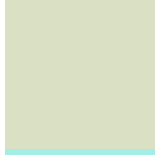
Original Color

74.1359, 0.2877, 0.3915



Protanomaly

72.6632, 0.3249, 0.3794



Deuteranomaly

72.0032, 0.3269, 0.3614



Tritanomaly

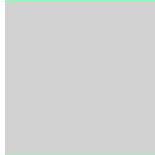
73.9629, 0.2710, 0.3371

Monochromacy



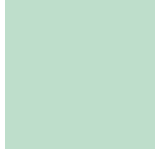
Original Color

74.1359, 0.2877, 0.3915



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.5015, 0.3026, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1359, 0.2877, 0.3915 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(154, 242, 191)` looks like.

```
.text, #text, p{  
    color:rgb(154, 242, 191)  
}
```

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(154, 242, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 242, 191) }
```

Border

The CSS property to change the border of an element to Yxy 74.1359, 0.2877, 0.3915 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(154, 242, 191) }
```

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

```
.border{ border-color:rgb(154, 242, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 242, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 242, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 242, 191);  
box-shadow:4px 4px 4px 4px rgb(154, 242,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1359, 0.2877, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 242, 191) }
```

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

```
.background{ background-color: rgb(154,  
242, 191) }
```

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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