

Converting Colors

$Yxy(74.6550, 0.2752, 0.3681)$

Have a look what the booklet for
Yxy(74.6550, 0.2752, 0.3681)
contains.

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Color

Yxy(74.5470, 0.2751, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	95F2D2
RGB	149, 242, 210
RGB Percent	58%, 95%, 82%
CMY	0.4158, 0.0509, 0.1765
CMYK	0.38, 0.00, 0.13, 0.05
HSL	159°, 78%, 77%
HSV	159°, 38%, 95%
XYZ	55.7734, 74.5470, 72.4182
YIQ	210.5450, -45.1560, -29.6680

Conversions

Conversions Part 2

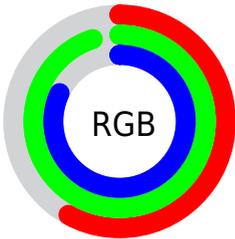
Format	Color
RYB	149, 205, 242
Decimal	9827026
CIELab	89.18, -34.76, 6.77
CIELCh	89, 35.416, 168.986
Yxy	74.5470, 0.2751, 0.3677
Android (android.graphics.Color)	4288017106 (0xFF95F2D2)
YUV	210.5450, -0.2687, -53.9750
Hunter-Lab	86.3406, -35.7905, 10.7089

Details

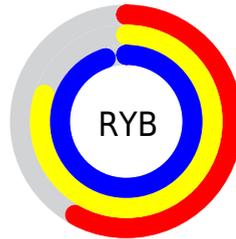
The Yxy color **74.5470, 0.2751, 0.3677** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **43.6977, 0.3748, 0.2941**, and the grayscale version is **64.8457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **39.4254, 0.2657, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **72.1017, 0.2676, 0.3799**, and if you desaturate by 10%, it is **77.4928, 0.2838, 0.3563**.

Distribution



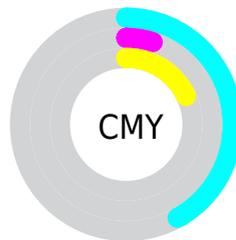
- Red (58%)
- Green (95%)
- Blue (82%)



- Red (58%)
- Yellow (80%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5470, 0.2751, 0.3677 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 74.5470, 0.2751, 0.3677 by changing the saturation by 10% instead.

 74.5470, 0.2751,
0.3677

 74.5470, 0.2751,
0.3677

476.3591, 0.2926,
0.3494

 55.2419, 0.2711,
0.3720

 125.6709, 0.2812,
0.3613

 39.5954, 0.2661,
0.3773

 158.2585, 0.2836,
0.3588

 27.2232, 0.2598,
0.3841

196.0423, 0.2856,
0.3567

 17.7409, 0.2515,
0.3932

239.4068, 0.2874,
0.3548

 10.7642, 0.2401,
0.4058

288.7363, 0.2889,
0.3532

 5.9085, 0.2237,
0.4245

344.4153, 0.2903,

 2.7895, 0.1979,

0.3518

406.8281, 0.2915,
0.3505

0.4548

1.0229, 0.0662,
0.5767

0.0000, 0.0000,
0.0000

74.5470, 0.2751,
0.3677

74.5470, 0.2751,
0.3677

72.1017, 0.2676,
0.3799

77.4928, 0.2838,
0.3563

70.1180, 0.2617,
0.3926

80.9574, 0.2935,
0.3459

68.5657, 0.2576,
0.4059

84.9690, 0.3037,
0.3363

67.4072, 0.2555,
0.4193

89.5512, 0.3144,
0.3277

■ 66.5979, 0.2555,
0.4326

■ 91.7759, 0.3153,
0.3198

■ 66.0745, 0.2574,
0.4457

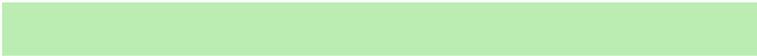
■ 91.9910, 0.3133,
0.3166

■ 66.0053, 0.2577,
0.4477

Harmonies

Analogous

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



74.5470, 0.3151, 0.3978



74.5470, 0.2751, 0.3677



74.5470, 0.2463, 0.3263

Triad

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



74.5470, 0.2751, 0.3677



74.5470, 0.2672, 0.2607



74.5470, 0.3973, 0.3598

Complementary

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



74.5470, 0.2751, 0.3677



43.6977, 0.3748, 0.2941

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.



74.5470, 0.3832, 0.3256



74.5470, 0.2751, 0.3677



74.5470, 0.3057, 0.2709

Square

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



74.5470, 0.2751, 0.3677



74.5470, 0.2422, 0.2666



74.5470, 0.3487, 0.2940



74.5470, 0.3868, 0.3893

Rectangle

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



74.5470, 0.2751, 0.3677



74.5470, 0.2366, 0.3004



74.5470, 0.3487, 0.2940



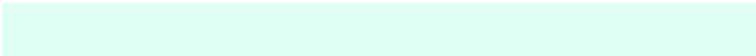
74.5470, 0.3954, 0.3485

Sweetspot

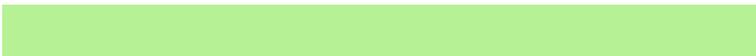
The Sweet Spot groups the original color and five complimentary colors.



74.5500, 0.2751, 0.3677



93.9916, 0.3000, 0.3396



75.5677, 0.3277, 0.4395



19.9901, 0.2987, 0.3409



0.0000, 0.0000, 0.0000



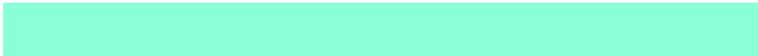
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5500, 0.2751, 0.3677



81.7855, 0.2692, 0.3770



68.3141, 0.2568, 0.3123



17.8312, 0.3027, 0.3373



35.4815, 0.2571, 0.4456



2.9704, 0.2523, 0.4283

Inverse Universe

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



43.6977, 0.3748, 0.2941



42.5677, 0.3936, 0.2873



47.2140, 0.4025, 0.3447



15.8486, 0.3239, 0.3209



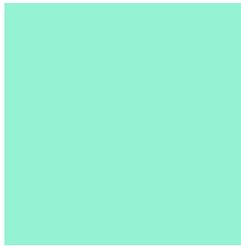
10.5018, 0.5599, 0.2858



0.8917, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 74.5470, 0.2751, 0.3677 looks on a white background.

Color Contrast Check

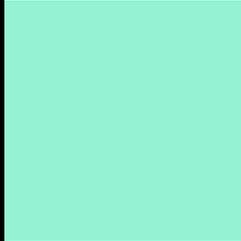
Large Text (above 18pt) WCAG AA × Fail

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 74.5470, 0.2751, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

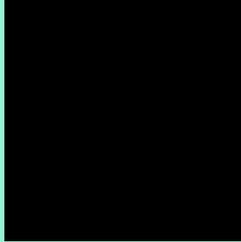
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

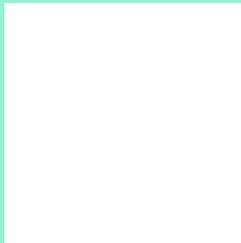
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5470, 0.2751, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 74.5470, 0.2751, 0.3677.



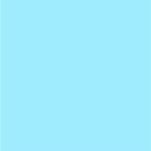
This preview shows how white text looks on a background with the Yxy color 74.5470, 0.2751, 0.3677.

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

74.6845, 0.2574, 0.3074

Trichromacy



Original Color

74.5470, 0.2751, 0.3677



Protanomaly

72.9070, 0.3106, 0.3586



Deuteranomaly

72.5544, 0.3101, 0.3412



Tritanomaly

74.4490, 0.2635, 0.3277

Monochromacy



Original Color

74.5470, 0.2751, 0.3677



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.6371, 0.2963, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5470, 0.2751, 0.3677 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(149, 242, 210)` looks like.

```
.text, #text, p{  
    color:rgb(149, 242, 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(149, 242, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 242, 210) }
```

Border

The CSS property to change the border of an element to Yxy 74.5470, 0.2751, 0.3677 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(149, 242, 210) }
```

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

```
.border{ border-color:rgb(149, 242, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 242, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 242, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 242, 210);  
box-shadow:4px 4px 4px 4px rgb(149, 242,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5470, 0.2751, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 242, 210) }
```

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

```
.background{ background-color: rgb(149,  
242, 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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