

Converting Colors

$Yxy(75.1215, 0.2642, 0.3884)$

Have a look what the booklet for
Yxy(75.1215, 0.2642, 0.3884)
contains.

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Color

Yxy(74.8626, 0.2641, 0.3883)

Conversions

Conversions Part 1

Format	Color
Hex	71F8C9
RGB	113, 248, 201
RGB Percent	44%, 97%, 79%
CMY	0.5569, 0.0274, 0.2118
CMYK	0.54, 0.00, 0.19, 0.03
HSL	159°, 91%, 71%
HSV	159°, 54%, 97%
XYZ	50.9174, 74.8626, 67.0158
YIQ	202.2770, -65.3730, -43.2370

Conversions

Conversions Part 2

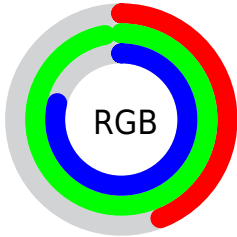
Format	Color
RYB	113, 195, 248
Decimal	7469257
CIELab	89.33, -47.92, 11.48
CIELCh	89, 49.277, 166.533
Yxy	74.8626, 0.2641, 0.3883
Android (android.graphics.Color)	4285659337 (0xFF71F8C9)
YUV	202.2770, -0.6296, -78.2959
Hunter-Lab	86.5232, -46.3715, 14.6436

Details

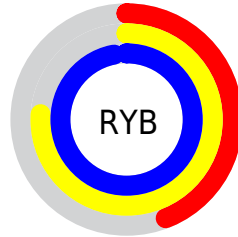
The Yxy color **74.8626, 0.2641, 0.3883** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **34.3040, 0.4162, 0.2801**, and the grayscale version is **59.2784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **39.9037, 0.2523, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **73.0444, 0.2593, 0.4016**, and if you desaturate by 10%, it is **77.1589, 0.2706, 0.3756**.

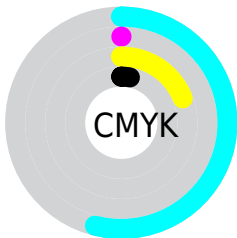
Distribution



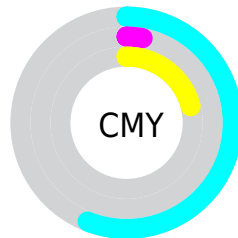
- Red (44%)
- Green (97%)
- Blue (79%)



- Red (44%)
- Yellow (76%)
- Blue (97%)



- Cyan (54%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)





- Cyan (56%)
- Magenta (3%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8626, 0.2641, 0.3883 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 74.8626, 0.2641, 0.3883 by changing the saturation by 10% instead.

 74.8626, 0.2641,
0.3883

 74.8626, 0.2641,
0.3883


477.4452, 0.2869,
0.3599

 55.5003, 0.2588,
0.3950


 126.1178, 0.2721,
0.3783

 39.8025, 0.2523,
0.4034


 158.7796, 0.2752,
0.3744

 27.3846, 0.2439,
0.4143


 196.6433, 0.2778,
0.3711

 17.8622, 0.2329,
0.4288

240.0934, 0.2801,
0.3683

 10.8511, 0.2178,
0.4492

289.5143, 0.2821,
0.3658

 5.9668, 0.1960,
0.4797


345.2902, 0.2839,

 2.8249, 0.1620,


0.3636


0.5297


407.8057, 0.2855,
0.3616


 1.0410, 0.0000,
0.7637


 0.0000, 0.0000,
0.0000


 74.8626, 0.2641,
0.3883


 74.8626, 0.2641,
0.3883


 73.0444, 0.2593,
0.4016


 77.1589, 0.2706,
0.3756


 71.6574, 0.2564,
0.4151

 79.9582, 0.2786,
0.3635

 70.6606, 0.2557,
0.4287

 83.2938, 0.2877,
0.3523


 70.0001, 0.2569,
0.4421

 87.1939, 0.2976,
0.3421

 69.7349, 0.2582,
0.4494

 91.6845, 0.3080,
0.3328

 95.4787, 0.3143,
0.3244

 95.6191, 0.3130,
0.3223

Harmonies

Analogous

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



74.8626, 0.3191, 0.4294



74.8626, 0.2641, 0.3883



74.8626, 0.2245, 0.3284

Triad

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



74.8626, 0.2641, 0.3883



74.8626, 0.2468, 0.2370



74.8626, 0.4300, 0.3645

Complementary

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



74.8626, 0.2641, 0.3883



34.3040, 0.4162, 0.2801

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.



74.8626, 0.4080, 0.3190



74.8626, 0.2641, 0.3883



74.8626, 0.2974, 0.2492

Square

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



74.8626, 0.2641, 0.3883



74.8626, 0.2158, 0.2452



74.8626, 0.3575, 0.2783



74.8626, 0.4166, 0.4067

Rectangle

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



74.8626, 0.2641, 0.3883



74.8626, 0.2108, 0.2916



74.8626, 0.3575, 0.2783



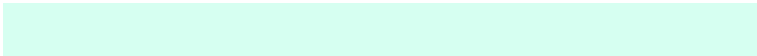
74.8626, 0.4266, 0.3492

Sweetspot

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



74.8656, 0.2641, 0.3883



92.1847, 0.2960, 0.3437



75.8300, 0.3307, 0.4908



19.5415, 0.2939, 0.3457



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.



74.8656, 0.2641, 0.3883



77.7002, 0.2590, 0.4025



65.6395, 0.2383, 0.3041



19.4999, 0.3027, 0.3374



37.6960, 0.2576, 0.4473



3.5113, 0.2532, 0.4314

Inverse Universe

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



34.3040, 0.4162, 0.2801



30.5521, 0.4493, 0.2740



37.9912, 0.4622, 0.3504



17.3250, 0.3239, 0.3208



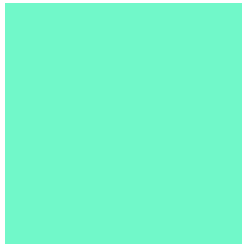
11.1705, 0.5588, 0.2852



1.0538, 0.5257, 0.2669

Previews

White Background



This preview shows how the Yxy color 74.8626, 0.2641, 0.3883 looks on a white background.

Color Contrast Check

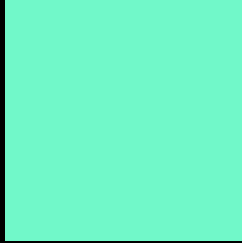
Large Text (above 18pt) WCAG AA × Fail

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 74.8626, 0.2641, 0.3883 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 74.8626, 0.2641, 0.3883

Background



This preview shows how black text looks on a background with the Yxy color 74.8626, 0.2641, 0.3883.

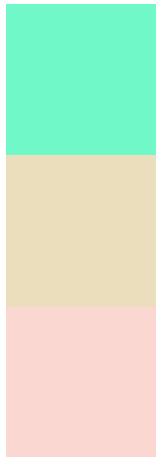


This preview shows how white text looks on a background with the Yxy color 74.8626, 0.2641, 0.3883.

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

74.8626, 0.2641, 0.3883

Protanopia

73.5356, 0.3454, 0.3657

Deuteranopia

73.4789, 0.3438, 0.3363



Tritanopia

74.5721, 0.2517, 0.3094

Trichromacy



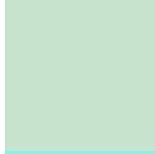
Original Color

74.8626, 0.2641, 0.3883



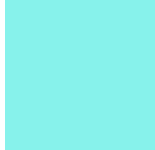
Protanomaly

72.0784, 0.3093, 0.3735



Deuteranomaly

71.6253, 0.3081, 0.3542



Tritanomaly

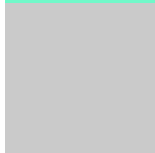
74.6533, 0.2563, 0.3372

Monochromacy



Original Color

74.8626, 0.2641, 0.3883



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

63.4734, 0.2898, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8626, 0.2641, 0.3883 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(113, 248, 201)` looks like.

```
.text, #text, p{  
    color:rgb(113, 248, 201)  
}
```

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(113, 248, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 248, 201) }
```

Border

The CSS property to change the border of an element to Yxy 74.8626, 0.2641, 0.3883 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(113, 248, 201) }
```

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

```
.border{ border-color:rgb(113, 248, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 248, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 248, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 248, 201); box-shadow:4px 4px 4px 4px rgb(113, 248, 201) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8626, 0.2641, 0.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 248, 201) }
```

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

```
.background{ background-color: rgb(113,  
248, 201) }
```

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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