

Converting Colors

$Yxy(74.5369, 0.2606, 0.3380)$

Have a look what the booklet for
Yxy(74.5369, 0.2606, 0.3380)
contains.

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Color

Yxy(74.6334, 0.2606, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	8FF1E9
RGB	143, 241, 233
RGB Percent	56%, 95%, 91%
CMY	0.4393, 0.0549, 0.0862
CMYK	0.41, 0.00, 0.03, 0.05
HSL	175°, 78%, 75%
HSV	175°, 41%, 95%
XYZ	57.4918, 74.6334, 88.4879
YIQ	210.7860, -55.8400, -23.2640

Conversions

Conversions Part 2

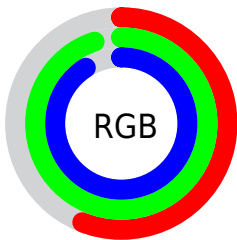
Format	Color
R_{YB}	143, 194, 241
Decimal	9433577
CIE _{Lab}	89.22, -30.68, -5.22
CIE _{LCh}	89, 31.124, 189.663
Yxy	74.6334, 0.2606, 0.3383
Android (android.graphics.Color)	4287623657 (0xFF8FF1E9)
YUV	210.7860, 10.9515, -59.4483
Hunter-Lab	86.3906, -32.3943, -0.2559

Details

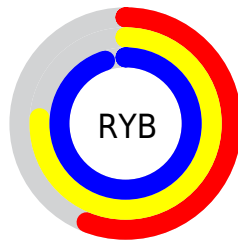
The Yxy color **74.6334, 0.2606, 0.3383** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.5749, 0.4081, 0.3204**, and the grayscale version is **64.9471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **39.8035, 0.2490, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **72.6004, 0.2512, 0.3410**, and if you desaturate by 10%, it is **77.1355, 0.2716, 0.3358**.

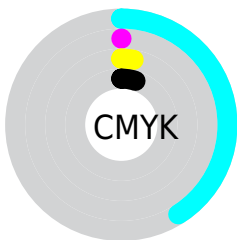
Distribution



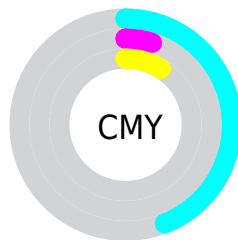
- Red (56%)
- Green (95%)
- Blue (91%)



- Red (56%)
- Yellow (76%)
- Blue (95%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)





- Cyan (44%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6334, 0.2606, 0.3383 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 74.6334, 0.2606, 0.3383 by changing the saturation by 10% instead.


 74.6334, 0.2606,
0.3383

 74.6334, 0.2606,
0.3383

476.6566, 0.2843,
0.3344

 55.3126, 0.2553,
0.3391


 125.7933, 0.2687,
0.3370

 39.6521, 0.2488,
0.3400


 158.4012, 0.2719,
0.3365

 27.2674, 0.2406,
0.3412


196.2069, 0.2747,
0.3360

 17.7741, 0.2302,
0.3425

239.5948, 0.2771,
0.3356

 10.7879, 0.2162,
0.3441

288.9493, 0.2792,
0.3353

 5.9244, 0.1966,
0.3459

344.6549, 0.2811,

 2.7992, 0.1678,

0.3349

407.0958, 0.2828,
0.3347

0.3475

1.0278, 0.0784,
0.3642

0.0000, 0.0000,
0.0000

74.6334, 0.2606,
0.3383

74.6334, 0.2606,
0.3383

72.6004, 0.2512,
0.3410

77.1355, 0.2716,
0.3358

70.9977, 0.2436,
0.3437


80.1252, 0.2840,
0.3334

69.7951, 0.2379,
0.3465


83.6303, 0.2975,
0.3312


68.9541, 0.2341,
0.3493

87.6745, 0.3117,
0.3291

 68.4293, 0.2323,
0.3520


 90.6341, 0.3208,
0.3273

 68.1549, 0.2318,
0.3546

 90.7531, 0.3196,
0.3254

 90.8734, 0.3184,
0.3235

 90.9949, 0.3172,
0.3216

 91.1177, 0.3160,
0.3197

Harmonies

Analogous

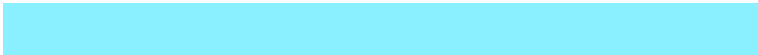
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6334, 0.2901, 0.3726



74.6334, 0.2606, 0.3383



74.6334, 0.2451, 0.3035

Triad

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



74.6334, 0.2606, 0.3383



74.6334, 0.2953, 0.2732



74.6334, 0.3830, 0.3755

Complementary

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



74.6334, 0.2606, 0.3383



40.5749, 0.4081, 0.3204

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.



74.6334, 0.3854, 0.3475



74.6334, 0.2606, 0.3383



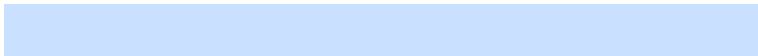
74.6334, 0.3330, 0.2906

Square

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



74.6334, 0.2606, 0.3383



74.6334, 0.2642, 0.2686



74.6334, 0.3667, 0.3170



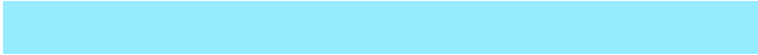
74.6334, 0.3611, 0.3933

Rectangle

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



74.6334, 0.2606, 0.3383



74.6334, 0.2441, 0.2855



74.6334, 0.3667, 0.3170



74.6334, 0.3862, 0.3668

Sweetspot

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



74.6363, 0.2606, 0.3383



94.4920, 0.2956, 0.3315



71.4898, 0.3117, 0.4528



20.1084, 0.2938, 0.3317



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.



74.6363, 0.2606, 0.3383



82.8523, 0.2525, 0.3405



53.5734, 0.2488, 0.2783



17.9055, 0.2992, 0.3309



36.9670, 0.2317, 0.3541



3.0818, 0.2307, 0.3505

Inverse Universe

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



40.5749, 0.4081, 0.3204



39.1384, 0.4399, 0.3189



54.8930, 0.3976, 0.3741



15.7797, 0.3281, 0.3271



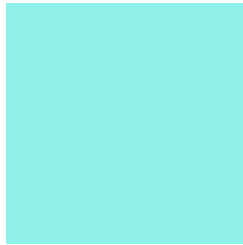
10.1753, 0.6311, 0.3250



0.8536, 0.6101, 0.3134

Previews

White Background



This preview shows how the Yxy color 74.6334, 0.2606, 0.3383 looks on a white background.

Color Contrast Check

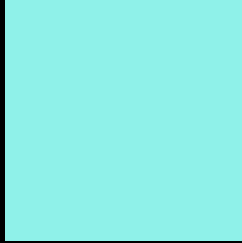
Large Text (above 18pt) WCAG AA × Fail

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 74.6334, 0.2606, 0.3383 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 74.6334, 0.2606, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 74.6334, 0.2606, 0.3383.

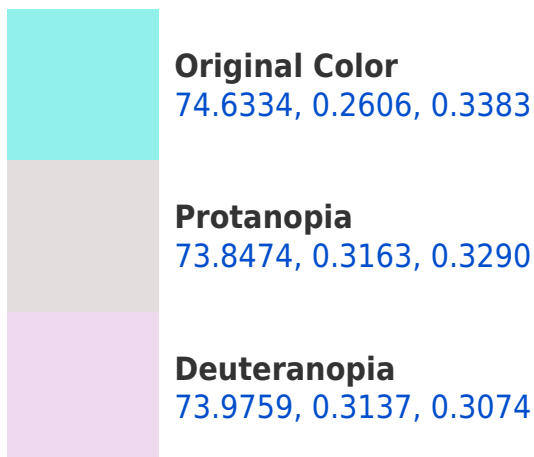


This preview shows how white text looks on a background with the Yxy color 74.6334, 0.2606, 0.3383.

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

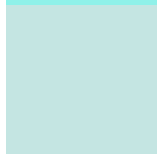
74.6584, 0.2547, 0.3084

Trichromacy



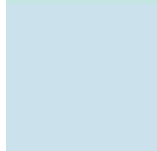
Original Color

74.6334, 0.2606, 0.3383



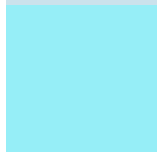
Protanomaly

73.2654, 0.2926, 0.3323



Deuteranomaly

73.1454, 0.2911, 0.3179



Tritanomaly

74.3485, 0.2567, 0.3184

Monochromacy



Original Color

74.6334, 0.2606, 0.3383



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.7961, 0.2901, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6334, 0.2606, 0.3383 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(143, 241, 233)` looks like.

```
.text, #text, p{  
    color:rgb(143, 241, 233)  
}
```

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(143, 241, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 241, 233) }
```

Border

The CSS property to change the border of an element to Yxy 74.6334, 0.2606, 0.3383 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(143, 241, 233) }
```

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

```
.border{ border-color:rgb(143, 241, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 241, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 241, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 241, 233);  
box-shadow:4px 4px 4px 4px rgb(143, 241,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6334, 0.2606, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 241, 233) }
```

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

```
.background{ background-color: rgb(143,  
241, 233) }
```

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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