

Converting Colors

$Y_{xy}(74.7926, 0.2501, 0.3105)$

Have a look what the booklet for
Yxy(74.7926, 0.2501, 0.3105)
contains.

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Color

Yxy(74.7926, 0.2501, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	8FEFFF
RGB	143, 239, 255
RGB Percent	56%, 94%, 100%
CMY	0.4391, 0.0627, 0.0001
CMYK	0.44, 0.06, 0.00, 0.00
HSL	189°, 100%, 78%
HSV	189°, 44%, 100%
XYZ	60.2436, 74.7926, 105.8418
YIQ	212.1200, -62.3520, -15.3760

Conversions

Conversions Part 2

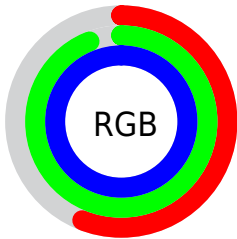
Format	Color
RYB	143, 195, 255
Decimal	9433087
CIELab	89.30, -24.36, -16.58
CIELCh	89, 29.468, 214.230
Yxy	74.7926, 0.2501, 0.3105
Android (android.graphics.Color)	4287623167 (0xFF8FEFFF)
YUV	212.1200, 21.1398, -60.6182
Hunter-Lab	86.4827, -27.0022, -12.0241

Details

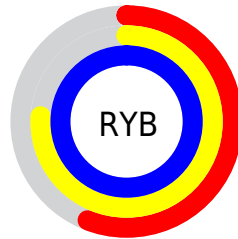
The Yxy color **74.7926, 0.2501, 0.3105** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.0342, 0.4221, 0.3461**, and the grayscale version is **65.8154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **39.8290, 0.2366, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **70.6639, 0.2390, 0.3056**, and if you desaturate by 10%, it is **79.4870, 0.2627, 0.3152**.

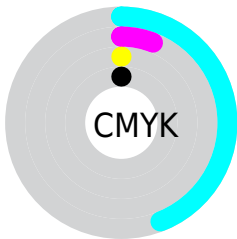
Distribution



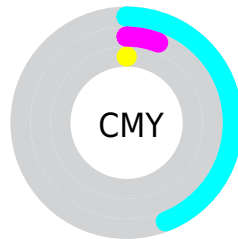
- Red (56%)
- Green (94%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7926, 0.2501, 0.3105 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 74.7926, 0.2501, 0.3105 by changing the saturation by 10% instead.


 74.7926, 0.2501,
0.3105

 74.7926, 0.2501,
0.3105

477.2044, 0.2782,
0.3197

 55.4430, 0.2439,
0.3083


 126.0187, 0.2597,
0.3138

 39.7565, 0.2363,
0.3055


 158.6641, 0.2635,
0.3151

 27.3488, 0.2270,
0.3018


196.5101, 0.2667,
0.3161

 17.8353, 0.2151,
0.2969

239.9412, 0.2696,
0.3170

 10.8318, 0.1994,
0.2899

289.3418, 0.2721,
0.3178

 5.9539, 0.1781,
0.2796

345.0962, 0.2744,

 2.8170, 0.1479,

0.3185

0.2627

407.5890, 0.2764,
0.3191

■ 1.0370, 0.0874,
0.2363

■ 0.0000, 0.0000,
0.0000

■ 74.7926, 0.2501,
0.3105

■ 74.7926, 0.2501,
0.3105

■ 70.6639, 0.2390,
0.3056

■ 79.4870, 0.2627,
0.3152

■ 67.0565, 0.2297,
0.3005

■ 84.7709, 0.2766,
0.3197

■ 63.9332, 0.2222,
0.2954

■ 90.6769, 0.2913,
0.3238

■ 61.2473, 0.2168,
0.2903

■ 97.2327, 0.3066,
0.3276

■ 58.9419, 0.2132,
0.2852

99.9980, 0.3127,
0.3290

■ 57.6736, 0.2117,
0.2822

Harmonies

Analogous

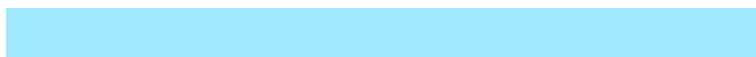
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7926, 0.2676, 0.3441



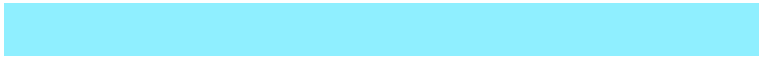
74.7926, 0.2501, 0.3105



74.7926, 0.2484, 0.2848

Triad

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



74.7926, 0.2501, 0.3105



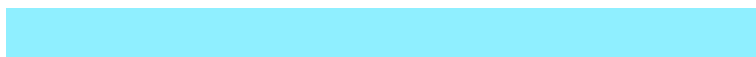
74.7926, 0.3255, 0.2888



74.7926, 0.3634, 0.3879

Complementary

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



74.7926, 0.2501, 0.3105



48.0342, 0.4221, 0.3461

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.



74.7926, 0.3811, 0.3689



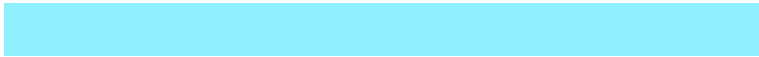
74.7926, 0.2501, 0.3105



74.7926, 0.3588, 0.3127

Square

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



74.7926, 0.2501, 0.3105



74.7926, 0.2902, 0.2742



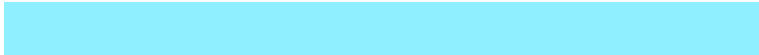
74.7926, 0.3796, 0.3414



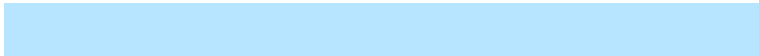
74.7926, 0.3325, 0.3911

Rectangle

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



74.7926, 0.2501, 0.3105



74.7926, 0.2562, 0.2749



74.7926, 0.3796, 0.3414



74.7926, 0.3712, 0.3830

Sweetspot

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



74.7955, 0.2501, 0.3105



91.2661, 0.2927, 0.3242



79.8101, 0.2992, 0.4484



19.2411, 0.2893, 0.3233



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.



74.7955, 0.2501, 0.3105



71.0338, 0.2399, 0.3060



47.3732, 0.2384, 0.2427



20.0136, 0.2980, 0.3255



30.3132, 0.2120, 0.2830



3.0672, 0.2136, 0.2888

Inverse Universe

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



47.1411, 0.3315, 0.2345



40.6969, 0.3364, 0.2171



71.2940, 0.3954, 0.4015



18.2532, 0.3160, 0.3089



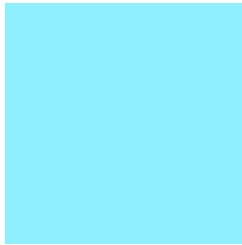
13.7881, 0.3607, 0.1761



1.3542, 0.3554, 0.1732

Previews

White Background



This preview shows how the Yxy color 74.7926, 0.2501, 0.3105 looks on a white background.

Color Contrast Check

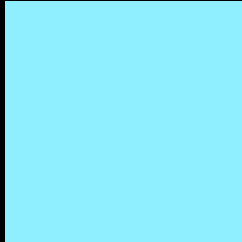
Large Text (above 18pt) WCAG AA × Fail

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 74.7926, 0.2501, 0.3105 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 74.7926, 0.2501, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 74.7926, 0.2501, 0.3105.

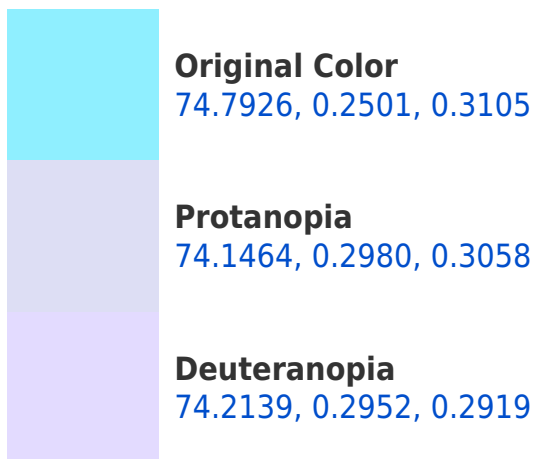


This preview shows how white text looks on a background with the Yxy color 74.7926, 0.2501, 0.3105.

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

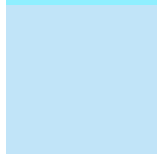
74.5607, 0.2542, 0.3084

Trichromacy



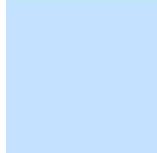
Original Color

74.7926, 0.2501, 0.3105



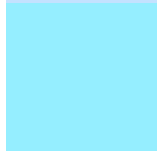
Protanomaly

73.6016, 0.2781, 0.3070



Deuteranomaly

73.3485, 0.2759, 0.2975



Tritanomaly

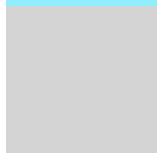
74.7586, 0.2526, 0.3094

Monochromacy



Original Color

74.7926, 0.2501, 0.3105



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.4088, 0.2853, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7926, 0.2501, 0.3105 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, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 239, 255)  
}
```

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, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 239, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.7926, 0.2501, 0.3105 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, 239, 255) }
```

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

```
.border{ border-color:rgb(143, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 239, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 239, 255); box-shadow:4px 4px 4px 4px rgb(143, 239, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7926, 0.2501, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 239, 255) }
```

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

```
.background{ background-color: rgb(143,  
239, 255) }
```

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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