

Converting Colors

$Yxy(71.8078, 0.2475, 0.3049)$

Have a look what the booklet for
Yxy(71.8078, 0.2475, 0.3049)
contains.

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Color

Yxy(71.5546, 0.2473, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	8BEAFF
RGB	139, 234, 255
RGB Percent	55%, 92%, 100%
CMY	0.4546, 0.0824, 0.0000
CMYK	0.45, 0.08, 0.00, 0.00
HSL	191°, 100%, 77%
HSV	191°, 45%, 100%
XYZ	58.1322, 71.5546, 105.3808
YIQ	207.9890, -63.3610, -13.6090

Conversions

Conversions Part 2

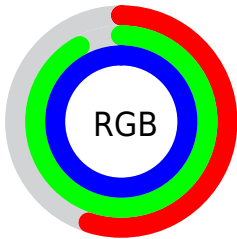
Format	Color
R _Y B	139, 191, 255
Decimal	9169663
CIE Lab	87.75, -22.79, -18.95
CIE LCh	88, 29.640, 219.733
Yxy	71.5546, 0.2473, 0.3044
Android (android.graphics.Color)	4287359743 (0xFF8BEAFF)
YUV	207.9890, 23.1764, -60.5034
Hunter-Lab	84.5900, -25.3630, -14.6496

Details

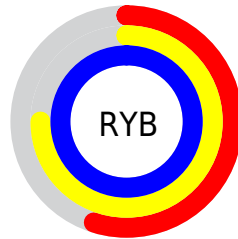
The Yxy color **71.5546, 0.2473, 0.3044** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.2953, 0.4255, 0.3513**, and the grayscale version is **62.9568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **37.5803, 0.2327, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **67.0119, 0.2360, 0.2981**, and if you desaturate by 10%, it is **76.6793, 0.2601, 0.3105**.

Distribution



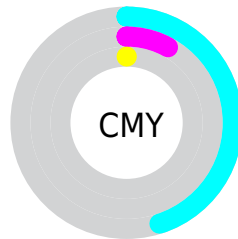
- Red (55%)
- Green (92%)
- Blue (100%)



- Red (55%)
- Yellow (75%)
- Blue (100%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5546, 0.2473, 0.3044 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 71.5546, 0.2473, 0.3044 by changing the saturation by 10% instead.


 71.5546, 0.2473,
0.3044

 71.5546, 0.2473,
0.3044


465.9898, 0.2769,
0.3165

 52.7949, 0.2408,
0.3015


 121.4231, 0.2574,
0.3087

 37.6391, 0.2328,
0.2978

 153.3007, 0.2614,
0.3104

 25.7027, 0.2228,
0.2931


190.3197, 0.2648,
0.3118

 16.6014, 0.2102,
0.2867

232.8645, 0.2678,
0.3130

 9.9507, 0.1936,
0.2778

281.3195, 0.2705,
0.3140

 5.3663, 0.1709,
0.2647

336.0692, 0.2728,

 2.4637, 0.1388,

0.3150

397.4978, 0.2750,
0.3158

0.2435

0.8584, 0.0642,
0.2123

0.0000, 0.0000,
0.0000

71.5546, 0.2473,
0.3044

71.5546, 0.2473,
0.3044

67.0119, 0.2360,
0.2981

76.6793, 0.2601,
0.3105

63.0125, 0.2264,
0.2915

82.4170, 0.2741,
0.3163

59.5157, 0.2188,
0.2849

88.7988, 0.2889,
0.3216

56.4734, 0.2131,
0.2783

95.8530, 0.3042,
0.3265

■ 53.8262, 0.2093,
0.2717

100.0000, 0.3127,
0.3290

■ 52.7168, 0.2080,
0.2688

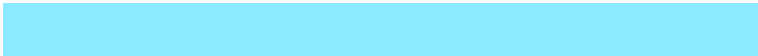
Harmonies

Analogous

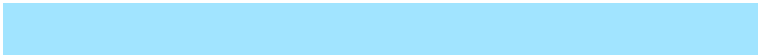
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5546, 0.2623, 0.3379



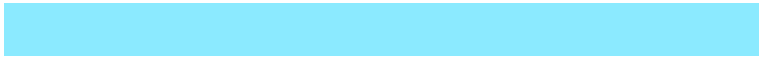
71.5546, 0.2473, 0.3044



71.5546, 0.2486, 0.2804

Triad

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



71.5546, 0.2473, 0.3044



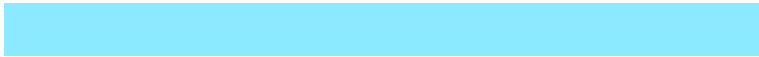
71.5546, 0.3324, 0.2919



71.5546, 0.3594, 0.3911

Complementary

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



71.5546, 0.2473, 0.3044



48.2953, 0.4255, 0.3513

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.



71.5546, 0.3806, 0.3741



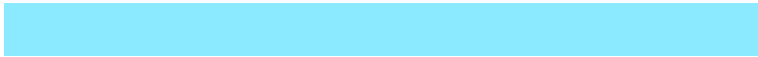
71.5546, 0.2473, 0.3044



71.5546, 0.3649, 0.3176

Square

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



71.5546, 0.2473, 0.3044



71.5546, 0.2960, 0.2750



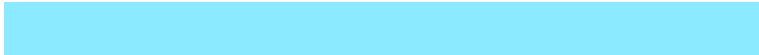
71.5546, 0.3829, 0.3470



71.5546, 0.3263, 0.3909

Rectangle

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



71.5546, 0.2473, 0.3044



71.5546, 0.2584, 0.2722



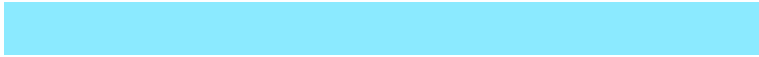
71.5546, 0.3829, 0.3470



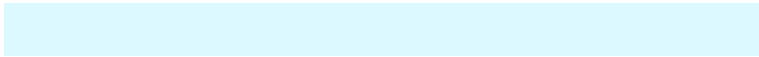
71.5546, 0.3682, 0.3870

Sweetspot

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



71.5553, 0.2473, 0.3044



89.7880, 0.2911, 0.3224



79.4971, 0.2969, 0.4486



18.9071, 0.2878, 0.3213



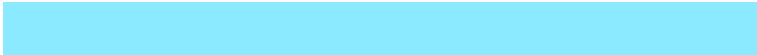
0.0000, 0.0000, 0.0000



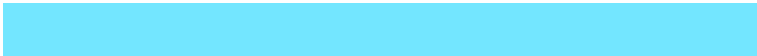
21.4041, 0.3127, 0.3290

Same Dimension

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



71.5553, 0.2473, 0.3044



67.2098, 0.2365, 0.2984



44.4419, 0.2348, 0.2341



19.8885, 0.2980, 0.3246



27.7483, 0.2083, 0.2698



2.8409, 0.2104, 0.2773

Inverse Universe

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



45.6855, 0.3364, 0.2352



39.1543, 0.3428, 0.2180



72.4209, 0.3971, 0.4076



18.2406, 0.3166, 0.3098



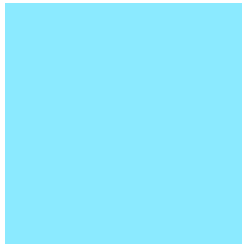
13.5292, 0.3730, 0.1828



1.3313, 0.3659, 0.1790

Previews

White Background



This preview shows how the Yxy color 71.5546, 0.2473, 0.3044 looks on a white background.

Color Contrast Check

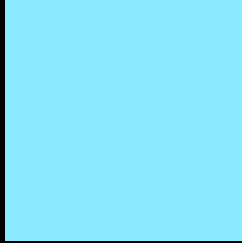
Large Text (above 18pt) WCAG AA × Fail

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 71.5546, 0.2473, 0.3044 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 71.5546, 0.2473, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 71.5546, 0.2473, 0.3044.

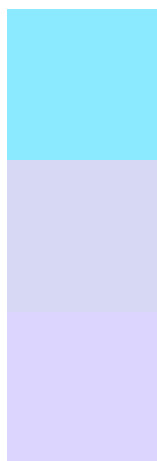


This preview shows how white text looks on a background with the Yxy color 71.5546, 0.2473, 0.3044.

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

71.5546, 0.2473, 0.3044

Protanopia

70.6044, 0.2939, 0.3000

Deuteranopia

70.5288, 0.2904, 0.2860



Tritanopia

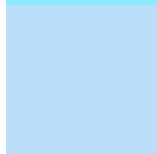
71.4265, 0.2482, 0.3067

Trichromacy



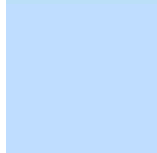
Original Color

71.5546, 0.2473, 0.3044



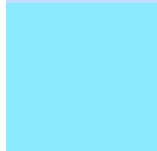
Protanomaly

70.1175, 0.2740, 0.3010



Deuteranomaly

70.0093, 0.2724, 0.2916



Tritanomaly

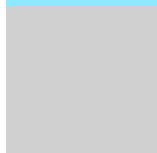
71.4904, 0.2477, 0.3056

Monochromacy



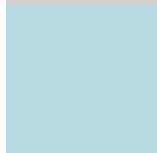
Original Color

71.5546, 0.2473, 0.3044



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.1292, 0.2842, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5546, 0.2473, 0.3044 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(139, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 234, 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(139, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.5546, 0.2473, 0.3044 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(139, 234, 255) }
```

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

```
.border{ border-color:rgb(139, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 234,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5546, 0.2473, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 234, 255) }
```

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

```
.background{ background-color: rgb(139,  
234, 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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