

Converting Colors

$Yxy(71.0855, 0.2487, 0.3029)$

Have a look what the booklet for
Yxy(71.0855, 0.2487, 0.3029)
contains.

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Color

Yxy(71.3375, 0.2489, 0.3034)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8FE9FF |
| RGB | 143, 233, 255 |
| RGB Percent | 56%, 91%, 100% |
| CMY | 0.4389, 0.0863, 0.0001 |
| CMYK | 0.44, 0.09, 0.00, 0.00 |
| HSL | 192°, 100%, 78% |
| HSV | 192°, 44%, 100% |
| XYZ | 58.5231, 71.3375, 105.2663 |
| YIQ | 208.5980, -60.7020, -12.2380 |

Conversions

Conversions Part 2

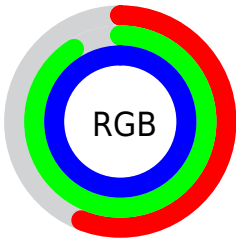
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 143, 193, 255 |
| Decimal | 9431551 |
| CIE _{Lab} | 87.65, -21.39, -19.06 |
| CIE _{LCh} | 88, 28.649, 221.694 |
| Yxy | 71.3375, 0.2489, 0.3034 |
| Android (android.graphics.Color) | 4287621631 (0xFF8FE9FF) |
| YUV | 208.5980, 22.8762, -57.5294 |
| Hunter-Lab | 84.4615, -24.1257, -14.7714 |

Details

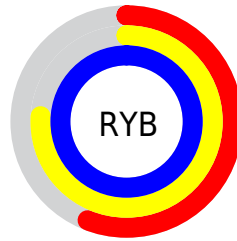
The Yxy color **71.3375, 0.2489, 0.3034** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.1728, 0.4190, 0.3524**, and the grayscale version is **63.3758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **37.4063, 0.2346, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **66.5204, 0.2371, 0.2965**, and if you desaturate by 10%, it is **76.7577, 0.2621, 0.3100**.

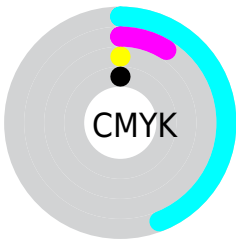
Distribution



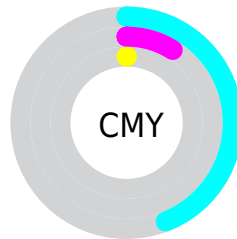
- Red (56%)
- Green (91%)
- Blue (100%)



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



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3375, 0.2489, 0.3034 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 71.3375, 0.2489, 0.3034 by changing the saturation by 10% instead.

 71.3375, 0.2489,
0.3034


 71.3375, 0.2489,
0.3034


465.2324, 0.2778,
0.3159

 52.6177, 0.2425,
0.3004


 121.1142, 0.2588,
0.3079

 37.4976, 0.2347,
0.2966


 152.9398, 0.2627,
0.3096

 25.5930, 0.2250,
0.2918


189.9028, 0.2660,
0.3110

 16.5194, 0.2125,
0.2853

232.3876, 0.2690,
0.3123

 9.8925, 0.1962,
0.2762

280.7785, 0.2716,
0.3134

 5.3277, 0.1739,
0.2628

335.4600, 0.2739,

 2.4408, 0.1422,

0.3143

0.2414

396.8165, 0.2759,
0.3152

0.8468, 0.0699,
0.2094

0.0000, 0.0000,
0.0000

71.3375, 0.2489,
0.3034

71.3375, 0.2489,
0.3034

66.5204, 0.2371,
0.2965

76.7577, 0.2621,
0.3100

62.2621, 0.2271,
0.2894

82.8056, 0.2763,
0.3161

58.5247, 0.2189,
0.2822

89.5141, 0.2913,
0.3219

55.2613, 0.2127,
0.2749

96.9113, 0.3067,
0.3271

■ 52.4145, 0.2084,
0.2677

99.9981, 0.3127,
0.3290

■ 50.8283, 0.2065,
0.2634

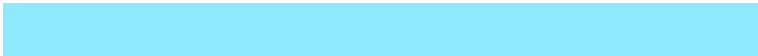
Harmonies

Analogous

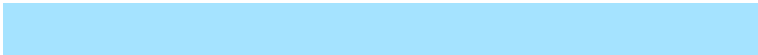
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3375, 0.2625, 0.3355



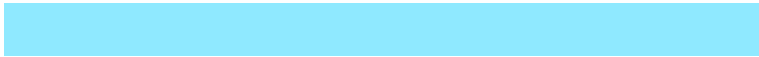
71.3375, 0.2489, 0.3034



71.3375, 0.2512, 0.2809

Triad

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



71.3375, 0.2489, 0.3034



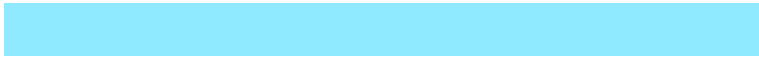
71.3375, 0.3341, 0.2944



71.3375, 0.3561, 0.3897

Complementary

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



71.3375, 0.2489, 0.3034



50.1728, 0.4190, 0.3524

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.



71.3375, 0.3776, 0.3742



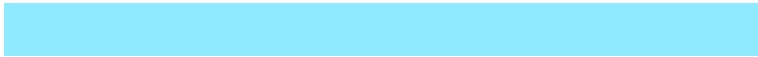
71.3375, 0.2489, 0.3034



71.3375, 0.3649, 0.3198

Square

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



71.3375, 0.2489, 0.3034



71.3375, 0.2988, 0.2773



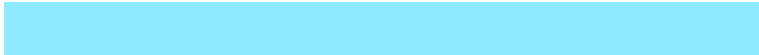
71.3375, 0.3811, 0.3484



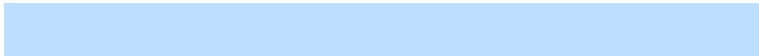
71.3375, 0.3237, 0.3881

Rectangle

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



71.3375, 0.2489, 0.3034



71.3375, 0.2614, 0.2735



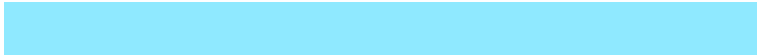
71.3375, 0.3811, 0.3484



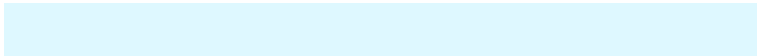
71.3375, 0.3649, 0.3861

Sweetspot

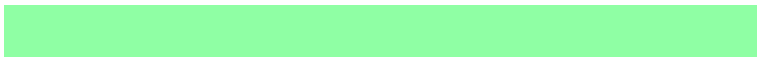
The Sweet Spot groups the original color and five complimentary colors.



71.3402, 0.2489, 0.3034



90.1617, 0.2926, 0.3223



80.0142, 0.2965, 0.4413



18.9660, 0.2893, 0.3211



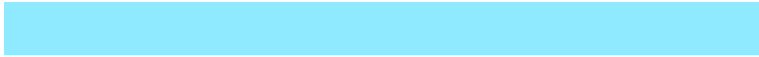
0.0000, 0.0000, 0.0000



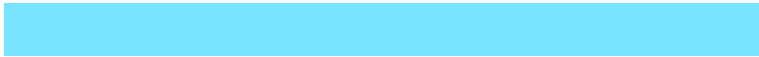
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3402, 0.2489, 0.3034



66.9396, 0.2381, 0.2971



45.1121, 0.2372, 0.2357



19.8394, 0.2980, 0.3242



26.7802, 0.2068, 0.2646



2.7550, 0.2091, 0.2727

Inverse Universe

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



46.8082, 0.3369, 0.2398



40.2836, 0.3435, 0.2231



74.1856, 0.3929, 0.4067



18.2356, 0.3168, 0.3101



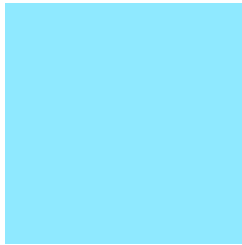
13.4314, 0.3780, 0.1856



1.3227, 0.3702, 0.1813

Previews

White Background



This preview shows how the Yxy color 71.3375, 0.2489, 0.3034 looks on a white background.

Color Contrast Check

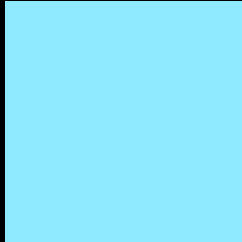
Large Text (above 18pt) WCAG AA × Fail

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 71.3375, 0.2489, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

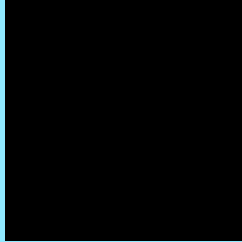
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3375, 0.2489, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 71.3375, 0.2489, 0.3034.



This preview shows how white text looks on a background with the Yxy color 71.3375, 0.2489, 0.3034.

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

71.3375, 0.2489, 0.3034

Protanopia

70.6654, 0.2933, 0.2990

Deuteranopia

70.5288, 0.2904, 0.2860



Tritanopia

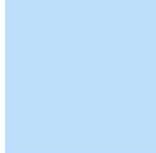
71.0569, 0.2498, 0.3067

Trichromacy



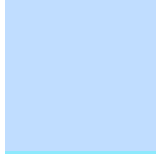
Original Color

71.3375, 0.2489, 0.3034



Protanomaly

70.4337, 0.2747, 0.3001



Deuteranomaly

70.1394, 0.2730, 0.2917



Tritanomaly

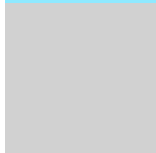
71.1205, 0.2493, 0.3056

Monochromacy



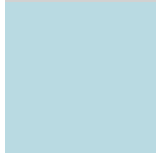
Original Color

71.3375, 0.2489, 0.3034



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

65.9481, 0.2850, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3375, 0.2489, 0.3034 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, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 233, 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, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.3375, 0.2489, 0.3034 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, 233, 255) }
```

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

```
.border{ border-color:rgb(143, 233, 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, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3375, 0.2489, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 233, 255) }
```

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

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