

Converting Colors

$Yxy(73.1067, 0.2471, 0.3080)$

Have a look what the booklet for
Yxy(73.1067, 0.2471, 0.3080)
contains.

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Color

Yxy(73.1067, 0.2471, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	89EDFF
RGB	137, 237, 255
RGB Percent	54%, 93%, 100%
CMY	0.4626, 0.0706, 0.0001
CMYK	0.46, 0.07, 0.00, 0.00
HSL	189°, 100%, 77%
HSV	189°, 46%, 100%
XYZ	58.6515, 73.1067, 105.6012
YIQ	209.1520, -65.3780, -15.6020

Conversions

Conversions Part 2

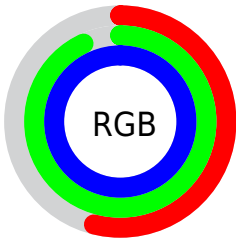
Format	Color
R _Y B	137, 191, 255
Decimal	9039359
CIE Lab	88.50, -24.74, -17.80
CIE LCh	88, 30.482, 215.730
Yxy	73.1067, 0.2471, 0.3080
Android (android.graphics.Color)	4287229439 (0xFF89EDFF)
YUV	209.1520, 22.6031, -63.2773
Hunter-Lab	85.5025, -27.1849, -13.3754

Details

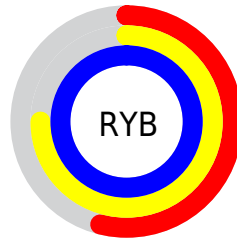
The Yxy color **73.1067, 0.2471, 0.3080** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.5091, 0.4301, 0.3481**, and the grayscale version is **63.7536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **38.6615, 0.2326, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **68.9770, 0.2363, 0.3027**, and if you desaturate by 10%, it is **77.7999, 0.2595, 0.3131**.

Distribution



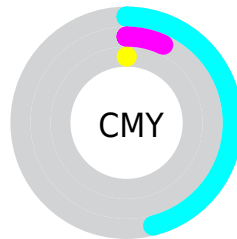
- Red (54%)
- Green (93%)
- Blue (100%)



- Red (54%)
- Yellow (75%)
- Blue (100%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1067, 0.2471, 0.3080 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 73.1067, 0.2471, 0.3080 by changing the saturation by 10% instead.


 73.1067, 0.2471,
0.3080


 73.1067, 0.2471,
0.3080


471.3845, 0.2766,
0.3184

 54.0632, 0.2406,
0.3055


 123.6287, 0.2572,
0.3117

 38.6522, 0.2326,
0.3023


 155.8760, 0.2611,
0.3132

 26.4893, 0.2228,
0.2981


193.2933, 0.2646,
0.3144

 17.1900, 0.2102,
0.2925

236.2651, 0.2676,
0.3154

 10.3701, 0.1938,
0.2847

285.1757, 0.2703,
0.3163

 5.6450, 0.1714,
0.2729

340.4095, 0.2726,

 2.6304, 0.1398,

0.3171

402.3510, 0.2747,
0.3178

0.2539

0.9420, 0.0695,
0.2255

0.0000, 0.0000,
0.0000

73.1067, 0.2471,
0.3080

73.1067, 0.2471,
0.3080

68.9770, 0.2363,
0.3027

77.7999, 0.2595,
0.3131

65.3657, 0.2272,
0.2972

83.0812, 0.2731,
0.3179

62.2339, 0.2201,
0.2917

88.9839, 0.2878,
0.3224

59.5331, 0.2150,
0.2863

95.5363, 0.3030,
0.3266

■ 57.2029, 0.2117,
0.2808

99.9981, 0.3127,
0.3290

■ 56.3910, 0.2108,
0.2788

Harmonies

Analogous

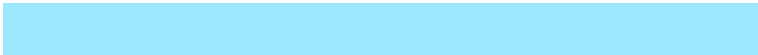
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1067, 0.2644, 0.3429



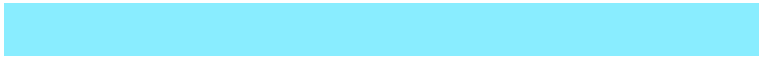
73.1067, 0.2471, 0.3080



73.1067, 0.2462, 0.2819

Triad

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



73.1067, 0.2471, 0.3080



73.1067, 0.3278, 0.2882



73.1067, 0.3641, 0.3910

Complementary

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



73.1067, 0.2471, 0.3080



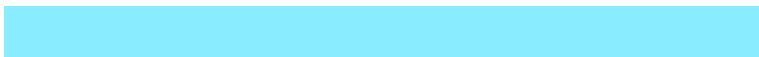
46.5091, 0.4301, 0.3481

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.



73.1067, 0.3835, 0.3716



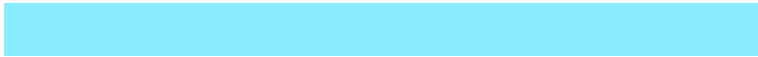
73.1067, 0.2471, 0.3080



73.1067, 0.3623, 0.3135

Square

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



73.1067, 0.2471, 0.3080



73.1067, 0.2910, 0.2725



73.1067, 0.3831, 0.3433



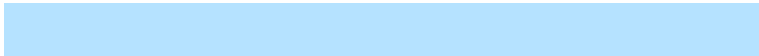
73.1067, 0.3314, 0.3935

Rectangle

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



73.1067, 0.2471, 0.3080



73.1067, 0.2548, 0.2722



73.1067, 0.3831, 0.3433



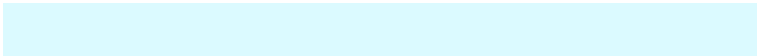
73.1067, 0.3725, 0.3860

Sweetspot

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



73.1095, 0.2471, 0.3080



90.4248, 0.2911, 0.3234



79.1809, 0.2977, 0.4535



19.0636, 0.2879, 0.3225



0.0000, 0.0000, 0.0000



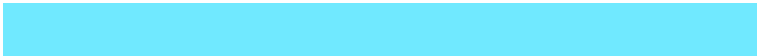
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1095, 0.2471, 0.3080



69.0922, 0.2365, 0.3028



44.5081, 0.2338, 0.2346



19.9820, 0.2980, 0.3253



29.6514, 0.2110, 0.2797



3.0090, 0.2128, 0.2859

Inverse Universe

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



45.2730, 0.3338, 0.2308



38.7895, 0.3394, 0.2130



71.0015, 0.3997, 0.4070



18.2500, 0.3161, 0.3091



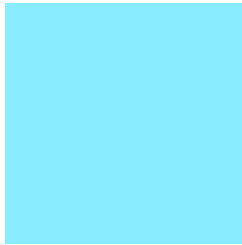
13.7213, 0.3637, 0.1777



1.3483, 0.3580, 0.1746

Previews

White Background



This preview shows how the Yxy color 73.1067, 0.2471, 0.3080 looks on a white background.

Color Contrast Check

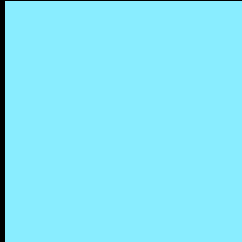
Large Text (above 18pt) WCAG AA × Fail

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 73.1067, 0.2471, 0.3080 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 73.1067, 0.2471, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 73.1067, 0.2471, 0.3080.

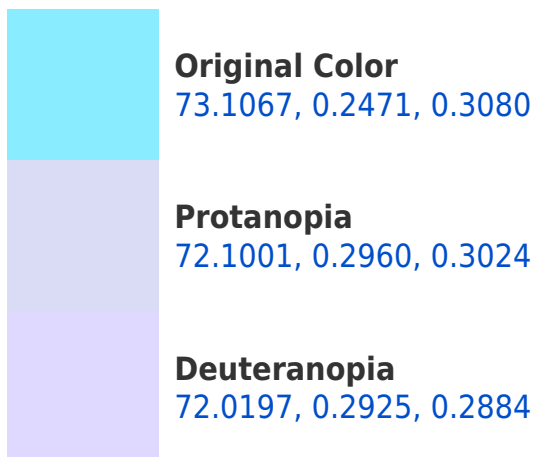


This preview shows how white text looks on a background with the Yxy color 73.1067, 0.2471, 0.3080.

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

72.8736, 0.2486, 0.3069

Trichromacy



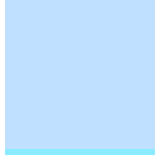
Original Color

73.1067, 0.2471, 0.3080



Protanomaly

71.9888, 0.2755, 0.3045



Deuteranomaly

71.7378, 0.2733, 0.2951



Tritanomaly

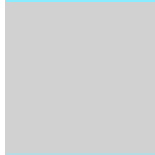
72.7864, 0.2481, 0.3069

Monochromacy



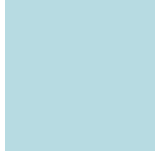
Original Color

73.1067, 0.2471, 0.3080



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.2213, 0.2838, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1067, 0.2471, 0.3080 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(137, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 237, 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(137, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 237, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.1067, 0.2471, 0.3080 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(137, 237, 255) }
```

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

```
.border{ border-color:rgb(137, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 237,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1067, 0.2471, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 237, 255) }
```

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

```
.background{ background-color: rgb(137,  
237, 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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