

Converting Colors

$Y_{xy}(73.8890, 0.2466, 0.2964)$

Have a look what the booklet for
Yxy(73.8890, 0.2466, 0.2964)
contains.

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Color

Yxy(73.3219, 0.2508, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	92ECFF
RGB	146, 236, 255
RGB Percent	57%, 93%, 100%
CMY	0.4275, 0.0745, 0.0000
CMYK	0.43, 0.07, 0.00, 0.00
HSL	190°, 100%, 79%
HSV	190°, 43%, 100%
XYZ	59.8995, 73.3219, 105.6122
YIQ	211.2560, -59.7390, -13.1710

Conversions

Conversions Part 2

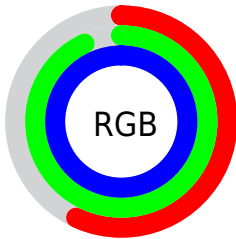
Format	Color
RYB	146, 195, 255
Decimal	9628927
CIELab	88.60, -22.19, -17.63
CIElCh	89, 28.340, 218.470
Yxy	73.3219, 0.2508, 0.3070
Android (android.graphics.Color)	4287819007 (0xFF92ECFF)
YUV	211.2560, 21.5658, -57.2295
Hunter-Lab	85.6282, -24.9834, -13.1874

Details

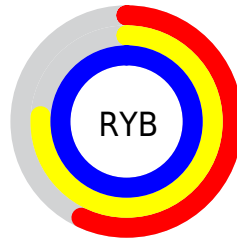
The Yxy color **73.3219, 0.2508, 0.3070** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.2416, 0.4163, 0.3492**, and the grayscale version is **65.2037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **38.7944, 0.2374, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **68.7148, 0.2391, 0.3010**, and if you desaturate by 10%, it is **78.5179, 0.2639, 0.3128**.

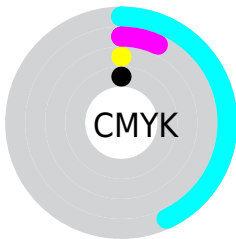
Distribution



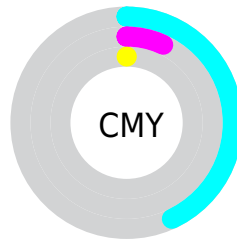
- Red (57%)
- Green (93%)
- Blue (100%)



- Red (57%)
- Yellow (76%)
- Blue (100%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3219, 0.2508, 0.3070 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 73.3219, 0.2508, 0.3070 by changing the saturation by 10% instead.


 73.3219, 0.2508,
0.3070

 73.3219, 0.2508,
0.3070

472.1297, 0.2787,
0.3178

 54.2392, 0.2446,
0.3044


 123.9341, 0.2603,
0.3109

 38.7929, 0.2371,
0.3011


 156.2324, 0.2641,
0.3123

 26.5987, 0.2277,
0.2969


193.7046, 0.2673,
0.3136

 17.2721, 0.2158,
0.2913

236.7353, 0.2702,
0.3146

 10.4287, 0.2001,
0.2834

285.7088, 0.2727,
0.3156

 5.6841, 0.1788,
0.2717

341.0094, 0.2749,

 2.6539, 0.1483,

0.3164

0.2529

403.0216, 0.2769,
0.3171

0.9539, 0.0852,
0.2237

0.0000, 0.0000,
0.0000

73.3219, 0.2508,
0.3070

73.3219, 0.2508,
0.3070

68.7148, 0.2391,
0.3010

78.5179, 0.2639,
0.3128

64.6549, 0.2292,
0.2947

84.3289, 0.2781,
0.3182

61.1044, 0.2211,
0.2884

90.7867, 0.2930,
0.3232

58.0175, 0.2150,
0.2820

97.9189, 0.3084,
0.3278

■ 55.3384, 0.2108,
0.2757

100.0000, 0.3127,
0.3290

■ 53.5919, 0.2087,
0.2712

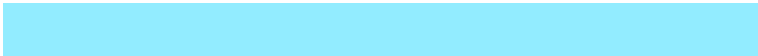
Harmonies

Analogous

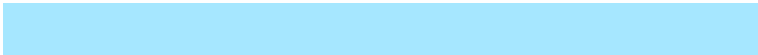
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3219, 0.2657, 0.3390



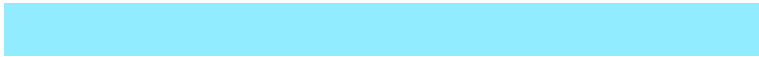
73.3219, 0.2508, 0.3070



73.3219, 0.2514, 0.2836

Triad

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



73.3219, 0.2508, 0.3070



73.3219, 0.3300, 0.2928



73.3219, 0.3582, 0.3876

Complementary

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



73.3219, 0.2508, 0.3070



50.2416, 0.4163, 0.3492

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.



73.3219, 0.3776, 0.3710



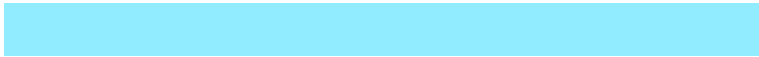
73.3219, 0.2508, 0.3070



73.3219, 0.3611, 0.3171

Square

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



73.3219, 0.2508, 0.3070



73.3219, 0.2955, 0.2771



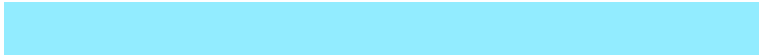
73.3219, 0.3789, 0.3451



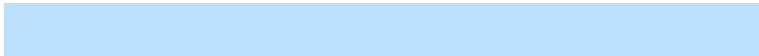
73.3219, 0.3271, 0.3880

Rectangle

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



73.3219, 0.2508, 0.3070



73.3219, 0.2603, 0.2753



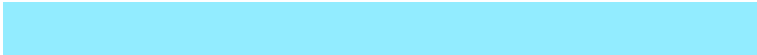
73.3219, 0.3789, 0.3451



73.3219, 0.3664, 0.3835

Sweetspot

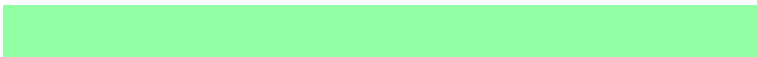
The Sweet Spot groups the original color and five complimentary colors.



73.3240, 0.2508, 0.3070



90.6154, 0.2926, 0.3231



80.3166, 0.2977, 0.4401



19.0789, 0.2893, 0.3220



0.0000, 0.0000, 0.0000



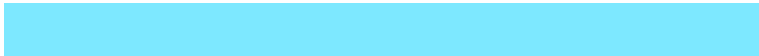
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3240, 0.2508, 0.3070



69.4796, 0.2411, 0.3020



46.9214, 0.2397, 0.2408



19.9111, 0.2980, 0.3248



28.1999, 0.2090, 0.2722



2.8809, 0.2110, 0.2794

Inverse Universe

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



47.8723, 0.3339, 0.2398



41.7600, 0.3392, 0.2242



73.8234, 0.3913, 0.4031



18.2428, 0.3165, 0.3096



13.5748, 0.3707, 0.1816



1.3354, 0.3640, 0.1779

Previews

White Background



This preview shows how the Yxy color 73.3219, 0.2508, 0.3070 looks on a white background.

Color Contrast Check

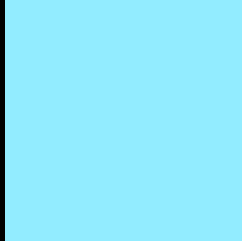
Large Text (above 18pt) WCAG AA × Fail

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 73.3219, 0.2508, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

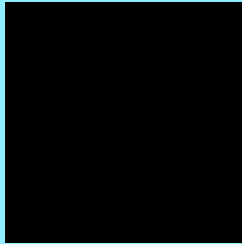
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3219, 0.2508, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 73.3219, 0.2508, 0.3070.

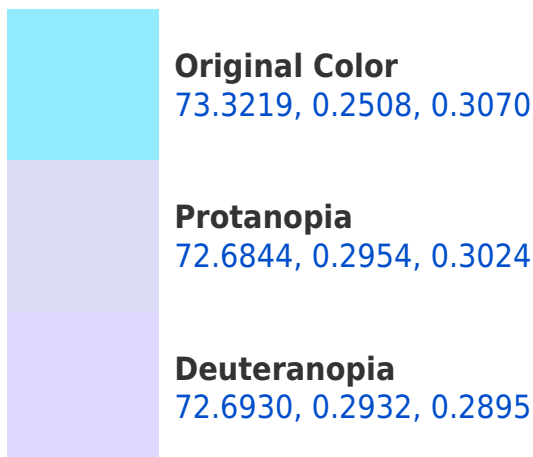


This preview shows how white text looks on a background with the Yxy color 73.3219, 0.2508, 0.3070.

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

73.3219, 0.2508, 0.3070

Trichromacy



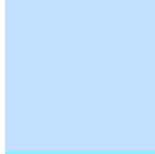
Original Color

73.3219, 0.2508, 0.3070



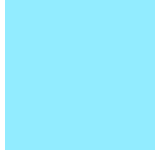
Protanomaly

72.4387, 0.2768, 0.3036



Deuteranomaly

72.2671, 0.2757, 0.2953



Tritanomaly

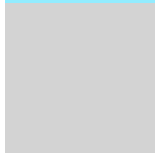
73.3219, 0.2508, 0.3070

Monochromacy



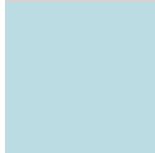
Original Color

73.3219, 0.2508, 0.3070



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.2972, 0.2858, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3219, 0.2508, 0.3070 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(146, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 236, 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(146, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 236, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.3219, 0.2508, 0.3070 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(146, 236, 255) }
```

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

```
.border{ border-color:rgb(146, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 236,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3219, 0.2508, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 236, 255) }
```

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

```
.background{ background-color: rgb(146,  
236, 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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