

Converting Colors

$Yxy(73.1814, 0.2469, 0.3136)$

Have a look what the booklet for
Yxy(73.1814, 0.2469, 0.3136)
contains.

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Color

Yxy(73.0196, 0.2469, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	84EEFB
RGB	132, 238, 251
RGB Percent	52%, 93%, 98%
CMY	0.4828, 0.0666, 0.0157
CMYK	0.47, 0.05, 0.00, 0.02
HSL	187°, 94%, 75%
HSV	187°, 47%, 98%
XYZ	57.4890, 73.0196, 102.3345
YIQ	207.7880, -67.3490, -18.4290

Conversions

Conversions Part 2

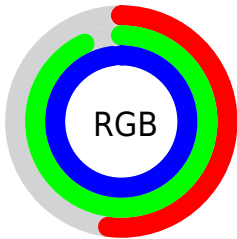
Format	Color
RYB	132, 188, 251
Decimal	8711931
CIELab	88.46, -27.40, -15.81
CIElCh	88, 31.631, 209.986
Yxy	73.0196, 0.2469, 0.3136
Android (android.graphics.Color)	4286902011 (0xFF84EEFB)
YUV	207.7880, 21.3035, -66.4661
Hunter-Lab	85.4515, -29.4512, -11.1881

Details

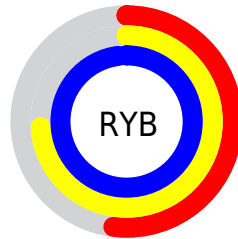
The Yxy color **73.0196, 0.2469, 0.3136** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.3831, 0.4375, 0.3430**, and the grayscale version is **62.8082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8164, 0.2757, 0.3289**, and **38.6530, 0.2326, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **69.6573, 0.2368, 0.3099**, and if you desaturate by 10%, it is **76.8983, 0.2586, 0.3172**.

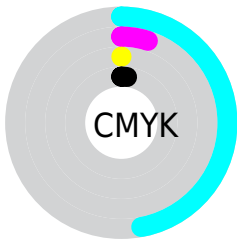
Distribution



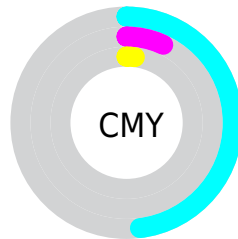
- Red (52%)
- Green (93%)
- Blue (98%)



- Red (52%)
- Yellow (74%)
- Blue (98%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)





- Cyan (48%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0196, 0.2469, 0.3136 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 73.0196, 0.2469, 0.3136 by changing the saturation by 10% instead.


 73.0196, 0.2469,
0.3136


 73.0196, 0.2469,
0.3136


471.0827, 0.2766,
0.3215


 53.9920, 0.2403,
0.3116


 123.5050, 0.2570,
0.3165

 38.5953, 0.2323,
0.3091


 155.7316, 0.2610,
0.3176

 26.4450, 0.2224,
0.3058


 193.1267, 0.2645,
0.3185

 17.1568, 0.2097,
0.3013

236.0746, 0.2675,
0.3192

 10.3464, 0.1931,
0.2948

284.9598, 0.2702,
0.3199

 5.6292, 0.1705,
0.2850

340.1666, 0.2725,

 2.6210, 0.1384,

0.3205

0.2684

402.0795, 0.2747,
0.3210

■ 0.9372, 0.0580,
0.2460

■ 0.0000, 0.0000,
0.0000

■ 73.0196, 0.2469,
0.3136

■ 73.0196, 0.2469,
0.3136

■ 69.6573, 0.2368,
0.3099

■ 76.8983, 0.2586,
0.3172

■ 66.7673, 0.2286,
0.3060

■ 81.3171, 0.2718,
0.3207

■ 64.3121, 0.2223,
0.3022

■ 86.3081, 0.2861,
0.3239

■ 62.2440, 0.2180,
0.2984

■ 91.8985, 0.3011,
0.3269

■ 60.5008, 0.2154,
0.2946

■ 97.6587, 0.3152,
0.3297

■ 60.0859, 0.2149,
0.2937

■ 99.3869, 0.3150,
0.3323

■ 99.7454, 0.3150,
0.3328

Harmonies

Analogous

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



73.0196, 0.2678, 0.3506



73.0196, 0.2469, 0.3136



73.0196, 0.2426, 0.2842

Triad

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



73.0196, 0.2469, 0.3136



73.0196, 0.3209, 0.2828



73.0196, 0.3712, 0.3905

Complementary

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



73.0196, 0.2469, 0.3136



42.3831, 0.4375, 0.3430

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.



73.0196, 0.3879, 0.3679



73.0196, 0.2469, 0.3136



73.0196, 0.3581, 0.3073

Square

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



73.0196, 0.2469, 0.3136



73.0196, 0.2834, 0.2689



73.0196, 0.3832, 0.3377



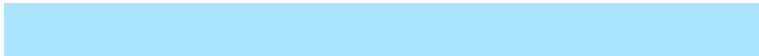
73.0196, 0.3392, 0.3972

Rectangle

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



73.0196, 0.2469, 0.3136



73.0196, 0.2494, 0.2722



73.0196, 0.3832, 0.3377



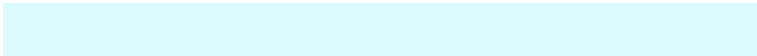
73.0196, 0.3789, 0.3844

Sweetspot

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



73.0224, 0.2469, 0.3136



91.3888, 0.2912, 0.3250



75.9013, 0.3002, 0.4648



19.3009, 0.2880, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

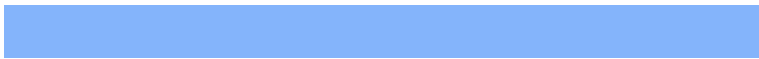
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0224, 0.2469, 0.3136



72.3369, 0.2372, 0.3100



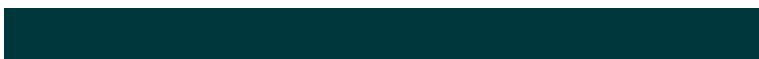
44.3149, 0.2332, 0.2395



19.2663, 0.2980, 0.3263



31.7146, 0.2151, 0.2943



3.0269, 0.2163, 0.2988

Inverse Universe

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



43.1549, 0.3296, 0.2242



38.5777, 0.3338, 0.2064



65.0532, 0.4053, 0.4032



17.4901, 0.3155, 0.3081



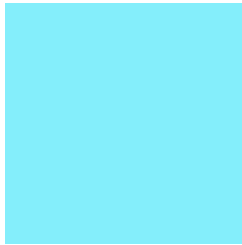
13.6125, 0.3505, 0.1704



1.2698, 0.3465, 0.1682

Previews

White Background



This preview shows how the Yxy color 73.0196, 0.2469, 0.3136 looks on a white background.

Color Contrast Check

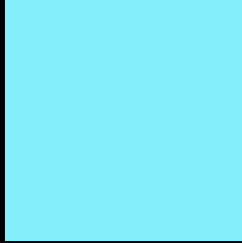
Large Text (above 18pt) WCAG AA × Fail

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 73.0196, 0.2469, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

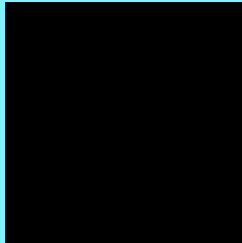
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0196, 0.2469, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 73.0196, 0.2469, 0.3136.

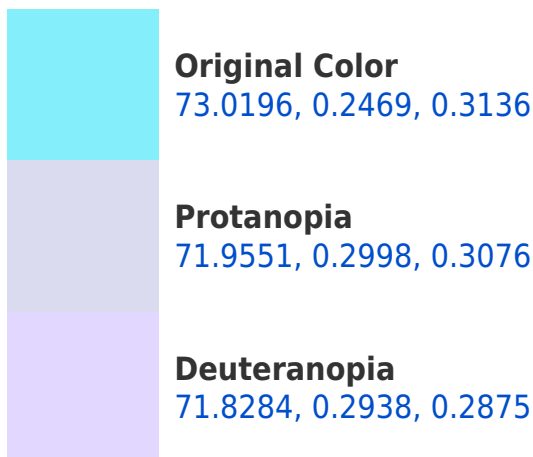


This preview shows how white text looks on a background with the Yxy color 73.0196, 0.2469, 0.3136.

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

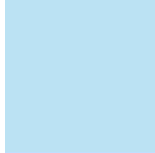
73.1916, 0.2475, 0.3080

Trichromacy



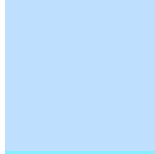
Original Color

73.0196, 0.2469, 0.3136



Protanomaly

71.4286, 0.2771, 0.3099



Deuteranomaly

71.0075, 0.2731, 0.2949



Tritanomaly

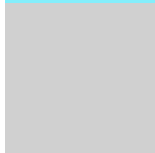
72.9584, 0.2471, 0.3091

Monochromacy



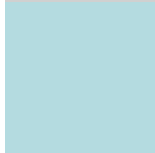
Original Color

73.0196, 0.2469, 0.3136



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.7482, 0.2830, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0196, 0.2469, 0.3136 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(132, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(132, 238, 251)  
}
```

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(132, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 238, 251) }
```

Border

The CSS property to change the border of an element to Yxy 73.0196, 0.2469, 0.3136 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(132, 238, 251) }
```

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

```
.border{ border-color:rgb(132, 238, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 238, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 238, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 238, 251); box-shadow:4px 4px 4px 4px rgb(132, 238, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0196, 0.2469, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 238, 251) }
```

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

```
.background{ background-color: rgb(132,  
238, 251) }
```

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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