

Converting Colors

$Yxy(73.4075, 0.2432, 0.3156)$

Have a look what the booklet for
Yxy(73.4075, 0.2432, 0.3156)
contains.

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Color

Yxy(73.4228, 0.2435, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	7AF0FB
RGB	122, 240, 251
RGB Percent	48%, 94%, 98%
CMY	0.5210, 0.0589, 0.0156
CMYK	0.51, 0.04, 0.00, 0.02
HSL	185°, 94%, 73%
HSV	185°, 51%, 98%
XYZ	56.6132, 73.4228, 102.4618
YIQ	205.9720, -73.8590, -21.5950

Conversions

Conversions Part 2

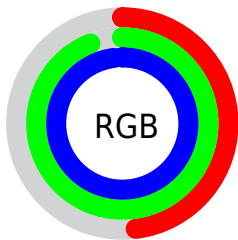
Format	Color
RYB	122, 184, 251
Decimal	8057083
CIELab	88.65, -30.38, -15.56
CIELCh	89, 34.135, 207.118
Yxy	73.4228, 0.2435, 0.3158
Android (android.graphics.Color)	4286247163 (0xFF7AF0FB)
YUV	205.9720, 22.1988, -73.6434
Hunter-Lab	85.6871, -32.0180, -10.9160

Details

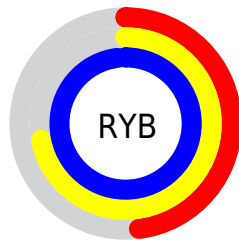
The Yxy color **73.4228, 0.2435, 0.3158** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **38.7375, 0.4550, 0.3408**, and the grayscale version is **61.6155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **38.9882, 0.2285, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **70.5649, 0.2344, 0.3129**, and if you desaturate by 10%, it is **76.7745, 0.2544, 0.3187**.

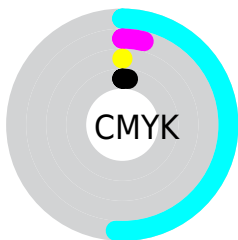
Distribution



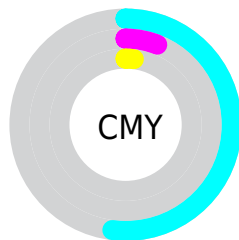
- Red (48%)
- Green (94%)
- Blue (98%)



- Red (48%)
- Yellow (72%)
- Blue (98%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)





- Cyan (52%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4228, 0.2435, 0.3158 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 73.4228, 0.2435, 0.3158 by changing the saturation by 10% instead.


 73.4228, 0.2435,
0.3158


 73.4228, 0.2435,
0.3158

472.4789, 0.2746,
0.3228

 54.3217, 0.2366,
0.3140


 124.0772, 0.2541,
0.3184

 38.8590, 0.2283,
0.3117


 156.3994, 0.2583,
0.3193

 26.6500, 0.2179,
0.3087


 193.8974, 0.2619,
0.3201

 17.3106, 0.2047,
0.3045

236.9557, 0.2651,
0.3208

 10.4562, 0.1875,
0.2985

285.9586, 0.2679,
0.3214

 5.7024, 0.1641,
0.2891

341.2905, 0.2704,

 2.6650, 0.1312,

0.3219

403.3358, 0.2726,
0.3224

0.2732

0.9595, 0.0444,
0.2531

0.0000, 0.0000,
0.0000

73.4228, 0.2435,
0.3158

73.4228, 0.2435,
0.3158

70.5649, 0.2344,
0.3129

76.7745, 0.2544,
0.3187

68.1552, 0.2273,
0.3099


80.6449, 0.2668,
0.3214

66.1537, 0.2221,
0.3069


85.0671, 0.2805,
0.3240

64.5090, 0.2188,
0.3040

90.0690, 0.2952,
0.3265

 63.3042, 0.2171,
0.3015

 95.6766, 0.3106,
0.3287

 98.3931, 0.3151,
0.3308

 99.7457, 0.3150,
0.3328

Harmonies

Analogous

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



73.4228, 0.2673, 0.3560



73.4228, 0.2435, 0.3158



73.4228, 0.2372, 0.2831

Triad

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



73.4228, 0.2435, 0.3158



73.4228, 0.3173, 0.2775



73.4228, 0.3782, 0.3933

Complementary

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



73.4228, 0.2435, 0.3158



38.7375, 0.4550, 0.3408

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.



73.4228, 0.3942, 0.3676



73.4228, 0.2435, 0.3158



73.4228, 0.3581, 0.3028

Square

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



73.4228, 0.2435, 0.3158



73.4228, 0.2777, 0.2639



73.4228, 0.3870, 0.3348



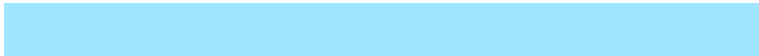
73.4228, 0.3447, 0.4030

Rectangle

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



73.4228, 0.2435, 0.3158



73.4228, 0.2433, 0.2694



73.4228, 0.3870, 0.3348



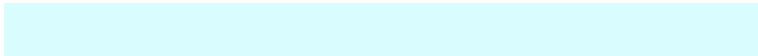
73.4228, 0.3859, 0.3861

Sweetspot

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



73.4256, 0.2435, 0.3158



91.3838, 0.2897, 0.3256



74.8378, 0.3003, 0.4806



19.3250, 0.2866, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

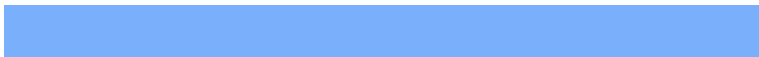
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4256, 0.2435, 0.3158



72.9497, 0.2339, 0.3126



42.0979, 0.2271, 0.2335



19.3396, 0.2980, 0.3269



33.3800, 0.2172, 0.3020



3.1641, 0.2182, 0.3054

Inverse Universe

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



40.7535, 0.3285, 0.2142



36.1704, 0.3323, 0.1956



61.9936, 0.4156, 0.4067



17.4975, 0.3151, 0.3076



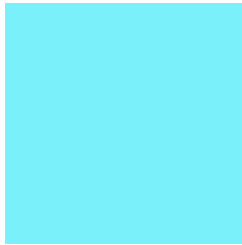
13.7806, 0.3437, 0.1667



1.2836, 0.3407, 0.1650

Previews

White Background



This preview shows how the Yxy color 73.4228, 0.2435, 0.3158 looks on a white background.

Color Contrast Check

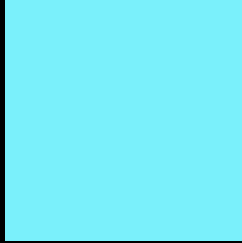
Large Text (above 18pt) WCAG AA × Fail

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 73.4228, 0.2435, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

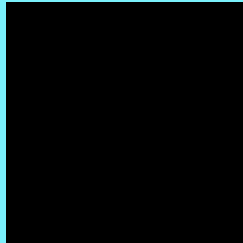
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4228, 0.2435, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 73.4228, 0.2435, 0.3158.

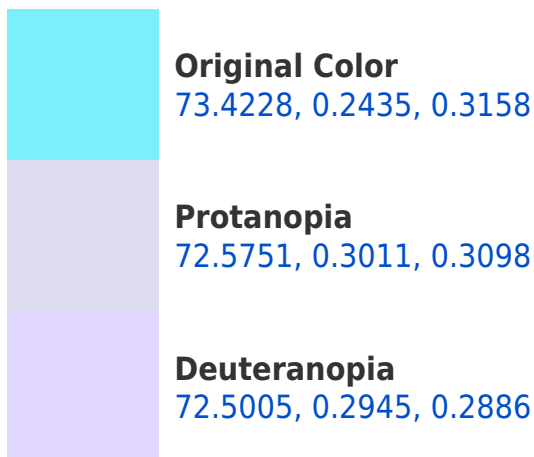


This preview shows how white text looks on a background with the Yxy color 73.4228, 0.2435, 0.3158.

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

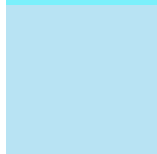
73.1067, 0.2471, 0.3080

Trichromacy



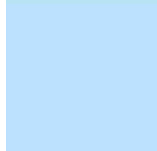
Original Color

73.4228, 0.2435, 0.3158



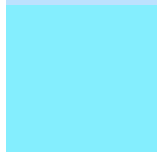
Protanomaly

71.5996, 0.2754, 0.3109



Deuteranomaly

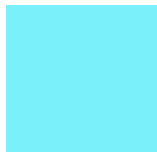
71.6976, 0.2716, 0.2970



Tritanomaly

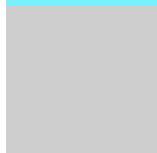
73.2104, 0.2456, 0.3102

Monochromacy



Original Color

73.4228, 0.2435, 0.3158



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.6468, 0.2816, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4228, 0.2435, 0.3158 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(122, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(122, 240, 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(122, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 240, 251) }
```

Border

The CSS property to change the border of an element to Yxy 73.4228, 0.2435, 0.3158 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(122, 240, 251) }
```

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

```
.border{ border-color:rgb(122, 240, 251) }
```

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

Here you see how a box with a 4 pixel rgb(122, 240, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(122, 240,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4228, 0.2435, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 240, 251) }
```

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

```
.background{ background-color: rgb(122,  
240, 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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