

Converting Colors

$Yxy(74.6659, 0.2423, 0.3240)$

Have a look what the booklet for
Yxy(74.6659, 0.2423, 0.3240)
contains.

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Color

Yxy(74.9234, 0.2421, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	70F4F8
RGB	112, 244, 248
RGB Percent	44%, 96%, 97%
CMY	0.5605, 0.0432, 0.0274
CMYK	0.55, 0.02, 0.00, 0.03
HSL	182°, 91%, 71%
HSV	182°, 55%, 97%
XYZ	55.9844, 74.9234, 100.3372
YIQ	204.9880, -79.9560, -26.7400

Conversions

Conversions Part 2

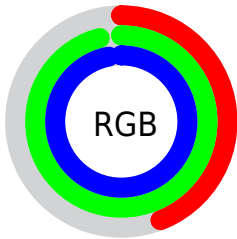
Format	Color
R_{YB}	112, 179, 248
Decimal	7402744
CIE _{Lab}	89.36, -35.00, -12.97
CIE _{LCh}	89, 37.325, 200.341
Y _{xy}	74.9234, 0.2421, 0.3240
Android (android.graphics.Color)	4285592824 (0xFF70F4F8)
Y _{UV}	204.9880, 21.2049, -81.5505
Hunter-Lab	86.5583, -36.0263, -8.1374

Details

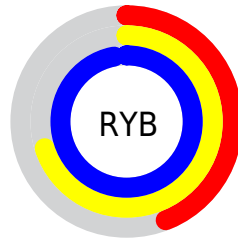
The Yxy color **74.9234, 0.2421, 0.3240** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **33.6450, 0.4749, 0.3336**, and the grayscale version is **60.9554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **39.7215, 0.2263, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **73.0746, 0.2344, 0.3230**, and if you desaturate by 10%, it is **77.2278, 0.2517, 0.3250**.

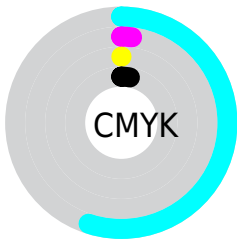
Distribution



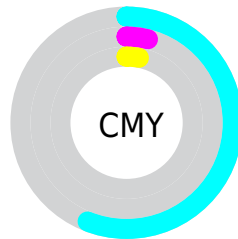
- Red (44%)
- Green (96%)
- Blue (97%)



- Red (44%)
- Yellow (70%)
- Blue (97%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)




- Cyan (56%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9234, 0.2421, 0.3240 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 74.9234, 0.2421, 0.3240 by changing the saturation by 10% instead.


 74.9234, 0.2421,
0.3240


 74.9234, 0.2421,
0.3240


477.6542, 0.2738,
0.3272

 55.5501, 0.2351,
0.3231

 126.2039, 0.2529,
0.3253

 39.8424, 0.2266,
0.3218

 158.8800, 0.2571,
0.3257

 27.4157, 0.2161,
0.3201


 196.7591, 0.2608,
0.3261

 17.8856, 0.2028,
0.3176

240.2256, 0.2641,
0.3264

 10.8679, 0.1853,
0.3138

289.6640, 0.2669,
0.3266

 5.9781, 0.1618,
0.3075

345.4587, 0.2695,

 2.8318, 0.1287,

0.3268

0.2961

407.9939, 0.2717,
0.3270

■ 1.0445, 0.0356,
0.2858

■ 0.0000, 0.0000,
0.0000

■ 74.9234, 0.2421,
0.3240

■ 74.9234, 0.2421,
0.3240

■ 73.0746, 0.2344,
0.3230

■ 77.2278, 0.2517,
0.3250

■ 71.6350, 0.2287,
0.3220


■ 80.0125, 0.2631,
0.3260

■ 70.5634, 0.2248,
0.3210


■ 83.3109, 0.2760,
0.3269

■ 69.8060, 0.2227,
0.3200


■ 87.1507, 0.2901,
0.3278


 69.4962, 0.2221,
0.3195

 91.5577, 0.3052,
0.3286

 95.4239, 0.3171,
0.3294

 95.8779, 0.3171,
0.3301

 96.3336, 0.3171,
0.3308

 96.7911, 0.3170,
0.3315

Harmonies

Analogous

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



74.9234, 0.2714, 0.3680



74.9234, 0.2421, 0.3240



74.9234, 0.2310, 0.2857

Triad

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



74.9234, 0.2421, 0.3240



74.9234, 0.3073, 0.2689



74.9234, 0.3895, 0.3933

Complementary

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



74.9234, 0.2421, 0.3240



33.6450, 0.4749, 0.3336

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.



74.9234, 0.4018, 0.3626



74.9234, 0.2421, 0.3240



74.9234, 0.3525, 0.2936

Square

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



74.9234, 0.2421, 0.3240



74.9234, 0.2665, 0.2576



74.9234, 0.3882, 0.3269



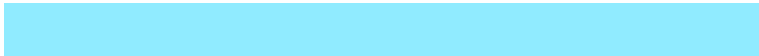
74.9234, 0.3565, 0.4091

Rectangle

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



74.9234, 0.2421, 0.3240



74.9234, 0.2346, 0.2685



74.9234, 0.3882, 0.3269



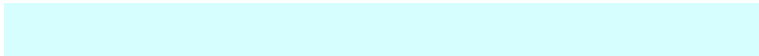
74.9234, 0.3963, 0.3842

Sweetspot

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



74.9263, 0.2421, 0.3240



92.2970, 0.2884, 0.3277



71.8218, 0.3035, 0.5032



19.5677, 0.2854, 0.3275



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.



74.9263, 0.2421, 0.3240



77.6099, 0.2336, 0.3229



41.9807, 0.2241, 0.2381



19.5151, 0.2980, 0.3282



37.5720, 0.2221, 0.3197



3.5068, 0.2225, 0.3208

Inverse Universe

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



38.0950, 0.3225, 0.2019



34.9307, 0.3244, 0.1831



54.7157, 0.4298, 0.4024



17.5152, 0.3143, 0.3063



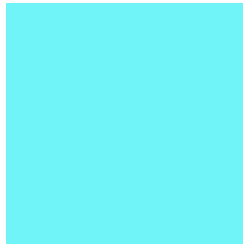
14.2038, 0.3285, 0.1583



1.3182, 0.3275, 0.1578

Previews

White Background



This preview shows how the Yxy color 74.9234, 0.2421, 0.3240 looks on a white background.

Color Contrast Check

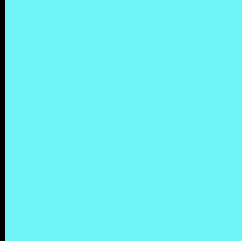
Large Text (above 18pt) WCAG AA × Fail

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 74.9234, 0.2421, 0.3240 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 74.9234, 0.2421, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 74.9234, 0.2421, 0.3240.

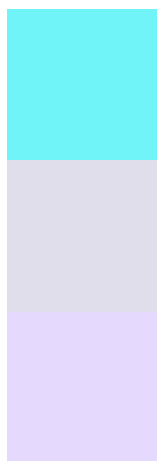


This preview shows how white text looks on a background with the Yxy color 74.9234, 0.2421, 0.3240.

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

74.9234, 0.2421, 0.3240

Protanopia

74.0304, 0.3063, 0.3162

Deuteranopia

73.6045, 0.2978, 0.2910



Tritanopia

74.8823, 0.2505, 0.3105

Trichromacy



Original Color

74.9234, 0.2421, 0.3240



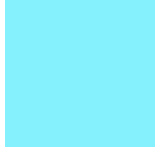
Protanomaly

72.8929, 0.2773, 0.3187



Deuteranomaly

72.5312, 0.2723, 0.3013



Tritanomaly

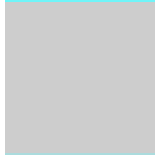
74.8444, 0.2472, 0.3160

Monochromacy



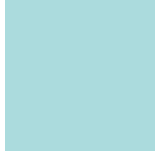
Original Color

74.9234, 0.2421, 0.3240



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

64.5414, 0.2791, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9234, 0.2421, 0.3240 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(112, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(112, 244, 248)  
}
```

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(112, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 244, 248) }
```

Border

The CSS property to change the border of an element to Yxy 74.9234, 0.2421, 0.3240 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(112, 244, 248) }
```

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

```
.border{ border-color:rgb(112, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(112, 244,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9234, 0.2421, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 244, 248) }
```

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

```
.background{ background-color: rgb(112,  
244, 248) }
```

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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