

Converting Colors

$Yxy(74.3098, 0.2461, 0.3341)$

Have a look what the booklet for
Yxy(74.3098, 0.2461, 0.3341)
contains.

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Color

Yxy(74.4441, 0.2462, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	71F4EF
RGB	113, 244, 239
RGB Percent	44%, 96%, 94%
CMY	0.5569, 0.0431, 0.0626
CMYK	0.54, 0.00, 0.02, 0.04
HSL	178°, 86%, 70%
HSV	178°, 54%, 96%
XYZ	54.7435, 74.4441, 93.1663
YIQ	204.2610, -76.4710, -29.3270

Conversions

Conversions Part 2

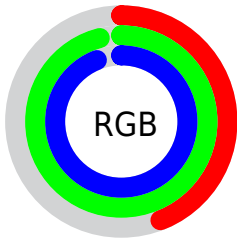
Format	Color
R_{YB}	113, 180, 244
Decimal	7468271
CIE _{Lab}	89.13, -37.15, -8.61
CIE _{LCh}	89, 38.132, 193.051
Y _{xy}	74.4441, 0.2462, 0.3348
Android (android.graphics.Color)	4285658351 (0xFF71F4EF)
YUV	204.2610, 17.1263, -80.0359
Hunter-Lab	86.2810, -37.7371, -3.6247

Details

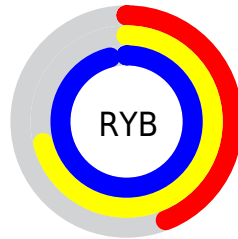
The Yxy color **74.4441, 0.2462, 0.3348** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **32.3514, 0.4659, 0.3243**, and the grayscale version is **60.4856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **39.4107, 0.2313, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **72.9857, 0.2389, 0.3360**, and if you desaturate by 10%, it is **76.3434, 0.2554, 0.3336**.

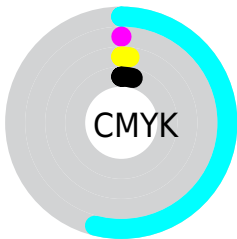
Distribution



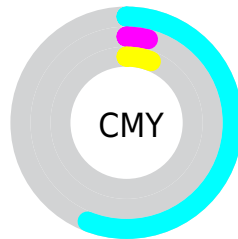
- Red (44%)
- Green (96%)
- Blue (94%)



- Red (44%)
- Yellow (71%)
- Blue (96%)



- Cyan (54%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)




- Cyan (56%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4441, 0.2462, 0.3348 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 74.4441, 0.2462, 0.3348 by changing the saturation by 10% instead.


 74.4441, 0.2462,
0.3348


 74.4441, 0.2462,
0.3348


476.0047, 0.2762,
0.3328


 55.1576, 0.2395,
0.3351


 125.5251, 0.2565,
0.3342

 39.5279, 0.2314,
0.3353

 158.0885, 0.2605,
0.3340

 27.1707, 0.2213,
0.3355


 195.8462, 0.2640,
0.3338

 17.7014, 0.2084,
0.3356

239.1827, 0.2671,
0.3335

 10.7358, 0.1913,
0.3352

288.4825, 0.2698,
0.3333

 5.8895, 0.1681,
0.3339

344.1298, 0.2722,

 2.7780, 0.1348,

0.3332

0.3299

406.5090, 0.2743,
0.3330

1.0170, 0.0182,
0.3415

0.0000, 0.0000,
0.0000

74.4441, 0.2462,
0.3348

74.4441, 0.2462,
0.3348

72.9857, 0.2389,
0.3360

76.3434, 0.2554,
0.3336

71.9239, 0.2335,
0.3373


78.7069, 0.2664,
0.3324

71.2203, 0.2301,
0.3386

81.5661, 0.2788,
0.3313

70.8243, 0.2284,
0.3398


84.9477, 0.2925,
0.3303

 70.6855, 0.2279,
0.3406

 88.8761, 0.3071,
0.3293

 92.5298, 0.3195,
0.3285

 92.5864, 0.3189,
0.3276

 92.6433, 0.3184,
0.3267

 92.7004, 0.3178,
0.3258

Harmonies

Analogous

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



74.4441, 0.2800, 0.3789



74.4441, 0.2462, 0.3348



74.4441, 0.2301, 0.2929

Triad

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



74.4441, 0.2462, 0.3348



74.4441, 0.2961, 0.2634



74.4441, 0.3966, 0.3880

Complementary

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



74.4441, 0.2462, 0.3348



32.3514, 0.4659, 0.3243

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.



74.4441, 0.4030, 0.3545



74.4441, 0.2462, 0.3348



74.4441, 0.3425, 0.2857

Square

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



74.4441, 0.2462, 0.3348



74.4441, 0.2572, 0.2557



74.4441, 0.3828, 0.3180



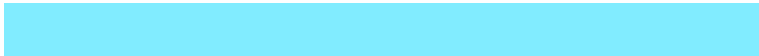
74.4441, 0.3671, 0.4091

Rectangle

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



74.4441, 0.2462, 0.3348



74.4441, 0.2305, 0.2725



74.4441, 0.3828, 0.3180



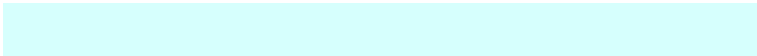
74.4441, 0.4017, 0.3777

Sweetspot

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



74.4470, 0.2462, 0.3348



92.9669, 0.2892, 0.3305



69.8558, 0.3079, 0.5000



19.7295, 0.2864, 0.3307



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.



74.4470, 0.2462, 0.3348



80.6124, 0.2386, 0.3361



44.7622, 0.2284, 0.2524



18.7463, 0.2986, 0.3299



38.4391, 0.2279, 0.3404



3.3818, 0.2275, 0.3388

Inverse Universe

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



32.3514, 0.4659, 0.3243



29.7614, 0.5146, 0.3241



49.9124, 0.4323, 0.3921



16.4927, 0.3288, 0.3281



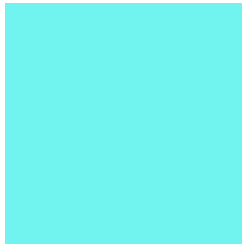
10.4734, 0.6361, 0.3278



0.9240, 0.6262, 0.3223

Previews

White Background



This preview shows how the Yxy color 74.4441, 0.2462, 0.3348 looks on a white background.

Color Contrast Check

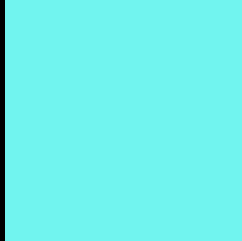
Large Text (above 18pt) WCAG AA × Fail

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 74.4441, 0.2462, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

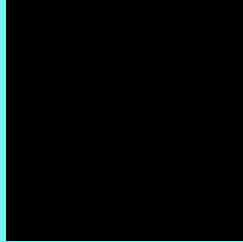
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4441, 0.2462, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 74.4441, 0.2462, 0.3348.

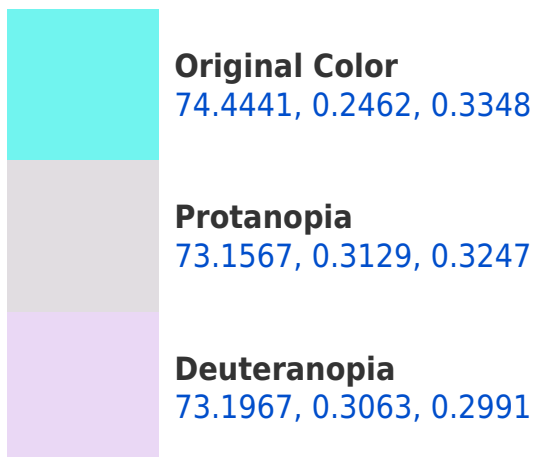


This preview shows how white text looks on a background with the Yxy color 74.4441, 0.2462, 0.3348.

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

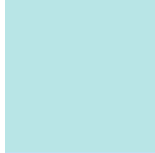
74.1199, 0.2494, 0.3093

Trichromacy



Original Color

74.4441, 0.2462, 0.3348



Protanomaly

71.9421, 0.2828, 0.3278



Deuteranomaly

71.8109, 0.2789, 0.3100



Tritanomaly

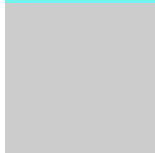
73.9850, 0.2479, 0.3183

Monochromacy



Original Color

74.4441, 0.2462, 0.3348



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

64.3307, 0.2815, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4441, 0.2462, 0.3348 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(113, 244, 239)` looks like.

```
.text, #text, p{  
    color:rgb(113, 244, 239)  
}
```

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(113, 244, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 244, 239) }
```

Border

The CSS property to change the border of an element to Yxy 74.4441, 0.2462, 0.3348 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(113, 244, 239) }
```

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

```
.border{ border-color:rgb(113, 244, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 244, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 244, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 244, 239);  
box-shadow:4px 4px 4px 4px rgb(113, 244,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4441, 0.2462, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 244, 239) }
```

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

```
.background{ background-color: rgb(113,  
244, 239) }
```

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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