

Converting Colors

$Yxy(73.9634, 0.2432, 0.3263)$

Have a look what the booklet for
Yxy(73.9634, 0.2432, 0.3263)
contains.

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Color

Yxy(74.1385, 0.2431, 0.3264)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 70F3F5 |
| RGB | 112, 243, 245 |
| RGB Percent | 44%, 95%, 96% |
| CMY | 0.5606, 0.0471, 0.0392 |
| CMYK | 0.54, 0.01, 0.00, 0.04 |
| HSL | 181°, 87%, 70% |
| HSV | 181°, 54%, 96% |
| XYZ | 55.2177, 74.1385, 97.7838 |
| YIQ | 204.0590, -78.7180, -27.1500 |

Conversions

Conversions Part 2

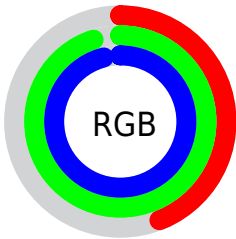
| Format | Color |
|-------------------------------------|---|
| RYB | 112, 178, 245 |
| Decimal | 7402485 |
| CIELab | 88.99, -35.33, -11.95 |
| CIELCh | 89, 37.293, 198.682 |
| Yxy | 74.1385, 0.2431, 0.3264 |
| Android (android.graphics.Color) | 4285592565 (0xFF70F3F5) |
| YUV | 204.0590, 20.1839, -80.7357 |
| Hunter-Lab | 86.1037, -36.2106, -7.0601 |

Details

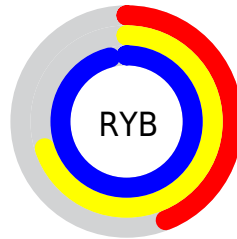
The Yxy color **74.1385, 0.2431, 0.3264** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **32.6286, 0.4735, 0.3315**, and the grayscale version is **60.3390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **39.1852, 0.2274, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **72.5259, 0.2355, 0.3259**, and if you desaturate by 10%, it is **76.1944, 0.2527, 0.3269**.

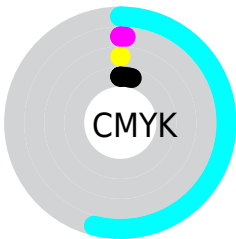
Distribution



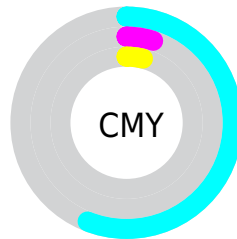
- Red (44%)
- Green (95%)
- Blue (96%)



- Red (44%)
- Yellow (70%)
- Blue (96%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)





- Cyan (56%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1385, 0.2431, 0.3264 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 74.1385, 0.2431, 0.3264 by changing the saturation by 10% instead.


 74.1385, 0.2431,
0.3264

 74.1385, 0.2431,
0.3264


474.9512, 0.2744,
0.3284

 54.9074, 0.2362,
0.3257

 125.0921, 0.2538,
0.3273

 39.3276, 0.2278,
0.3248


 157.5834, 0.2580,
0.3276

 27.0147, 0.2173,
0.3235


 195.2636, 0.2616,
0.3278

 17.5842, 0.2040,
0.3216

238.5170, 0.2648,
0.3280

 10.6519, 0.1865,
0.3185

287.7281, 0.2677,
0.3281

 5.8333, 0.1628,
0.3132

343.2813, 0.2702,

 2.7440, 0.1294,

0.3283

405.5608, 0.2724,
0.3284

0.3031

0.9996, 0.0249,
0.2983

0.0000, 0.0000,
0.0000

74.1385, 0.2431,
0.3264

74.1385, 0.2431,
0.3264

72.5259, 0.2355,
0.3259

76.1944, 0.2527,
0.3269

71.3116, 0.2298,
0.3254


78.7174, 0.2640,
0.3274

70.4564, 0.2260,
0.3249

81.7395, 0.2768,
0.3279

69.9086, 0.2240,
0.3244


85.2877, 0.2910,
0.3284


 69.6895, 0.2234,
0.3241

 89.3868, 0.3061,
0.3288

 93.2845, 0.3192,
0.3292

 93.5079, 0.3192,
0.3296

 93.7317, 0.3191,
0.3299

 93.9560, 0.3191,
0.3303

Harmonies

Analogous

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



74.1385, 0.2734, 0.3703



74.1385, 0.2431, 0.3264



74.1385, 0.2309, 0.2873

Triad

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



74.1385, 0.2431, 0.3264



74.1385, 0.3048, 0.2678



74.1385, 0.3910, 0.3921

Complementary

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



74.1385, 0.2431, 0.3264



32.6286, 0.4735, 0.3315

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.



74.1385, 0.4020, 0.3608



74.1385, 0.2431, 0.3264



74.1385, 0.3502, 0.2919

Square

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



74.1385, 0.2431, 0.3264



74.1385, 0.2644, 0.2573



74.1385, 0.3869, 0.3249



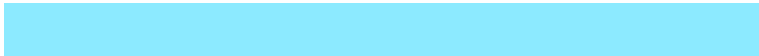
74.1385, 0.3588, 0.4090

Rectangle

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



74.1385, 0.2431, 0.3264



74.1385, 0.2338, 0.2694



74.1385, 0.3869, 0.3249



74.1385, 0.3974, 0.3827

Sweetspot

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



74.1413, 0.2431, 0.3264



92.6754, 0.2884, 0.3283



69.9229, 0.3045, 0.5038



19.6591, 0.2854, 0.3282



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.



74.1413, 0.2431, 0.3264



79.2963, 0.2349, 0.3258



42.0900, 0.2256, 0.2423



18.7125, 0.2981, 0.3286



37.5634, 0.2234, 0.3242



3.3149, 0.2236, 0.3248

Inverse Universe

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



37.4823, 0.3206, 0.2015



35.5069, 0.3220, 0.1830



52.6328, 0.4296, 0.3995



16.7638, 0.3140, 0.3060



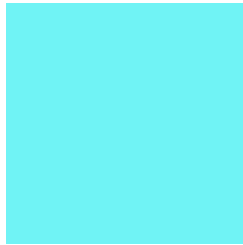
13.8914, 0.3247, 0.1562



1.2223, 0.3242, 0.1560

Previews

White Background



This preview shows how the Yxy color 74.1385, 0.2431, 0.3264 looks on a white background.

Color Contrast Check

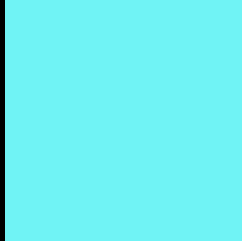
Large Text (above 18pt) WCAG AA × Fail

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 74.1385, 0.2431, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

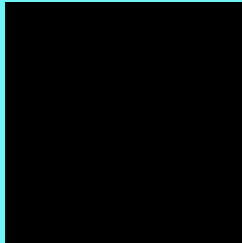
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1385, 0.2431, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 74.1385, 0.2431, 0.3264.

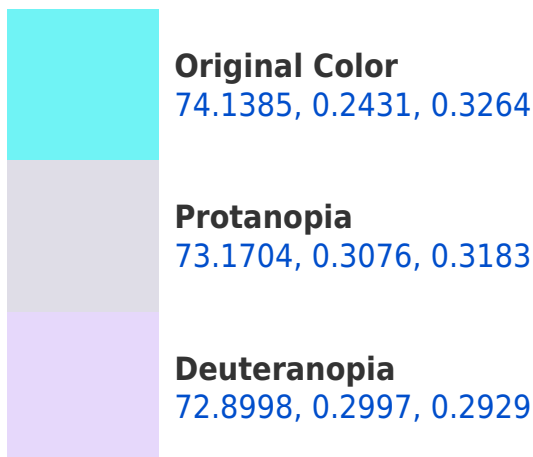


This preview shows how white text looks on a background with the Yxy color 74.1385, 0.2431, 0.3264.

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

73.8580, 0.2481, 0.3092

Trichromacy



Original Color

74.1385, 0.2431, 0.3264



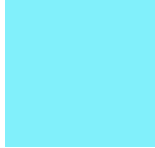
Protanomaly

72.1620, 0.2788, 0.3210



Deuteranomaly

71.7971, 0.2738, 0.3034



Tritanomaly

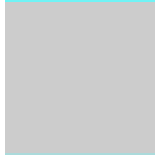
73.9523, 0.2462, 0.3159

Monochromacy



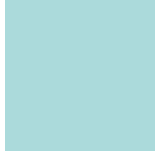
Original Color

74.1385, 0.2431, 0.3264



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

63.9152, 0.2802, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1385, 0.2431, 0.3264 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, 243, 245)` looks like.

```
.text, #text, p{  
    color:rgb(112, 243, 245)  
}
```

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, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 243, 245) }
```

Border

The CSS property to change the border of an element to Yxy 74.1385, 0.2431, 0.3264 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, 243, 245) }
```

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

```
.border{ border-color:rgb(112, 243, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 243, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(112, 243,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1385, 0.2431, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 243, 245) }
```

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

```
.background{ background-color: rgb(112,  
243, 245) }
```

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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