

Converting Colors

$Yxy(74.4289, 0.2443, 0.3288)$

Have a look what the booklet for
Yxy(74.4289, 0.2443, 0.3288)
contains.

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Color

Yxy(74.0830, 0.2443, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	71F3F3
RGB	113, 243, 243
RGB Percent	44%, 95%, 95%
CMY	0.5566, 0.0471, 0.0471
CMYK	0.53, 0.00, 0.00, 0.05
HSL	180°, 84%, 70%
HSV	180°, 53%, 95%
XYZ	55.0440, 74.0830, 96.1862
YIQ	204.1300, -77.4800, -27.5600

Conversions

Conversions Part 2

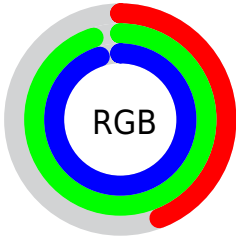
Format	Color
RYB	113, 178, 243
Decimal	7468019
CIELab	88.96, -35.65, -10.93
CIElCh	89, 37.292, 197.050
Yxy	74.0830, 0.2443, 0.3288
Android (android.graphics.Color)	4285658099 (0xFF71F3F3)
YUV	204.1300, 19.1629, -79.9210
Hunter-Lab	86.0715, -36.4716, -6.0075

Details

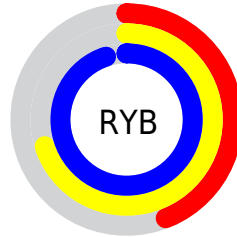
The Yxy color **74.0830, 0.2443, 0.3288** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **32.0753, 0.4711, 0.3295**, and the grayscale version is **60.3962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8540, 0.2676, 0.3289**, and **39.1568, 0.2290, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **72.6829, 0.2367, 0.3288**, and if you desaturate by 10%, it is **75.9203, 0.2538, 0.3288**.

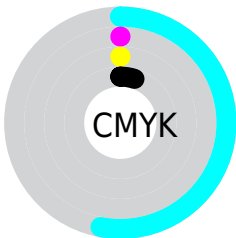
Distribution



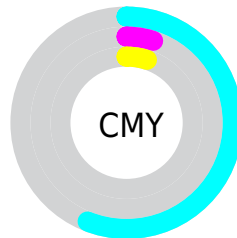
- Red (44%)
- Green (95%)
- Blue (95%)



- Red (44%)
- Yellow (70%)
- Blue (95%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0830, 0.2443, 0.3288 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 74.0830, 0.2443, 0.3288 by changing the saturation by 10% instead.


 74.0830, 0.2443,
0.3288

 74.0830, 0.2443,
0.3288


474.7598, 0.2751,
0.3297


 54.8620, 0.2375,
0.3284


 125.0135, 0.2548,
0.3293

 39.2912, 0.2292,
0.3278

 157.4917, 0.2590,
0.3294

 26.9864, 0.2188,
0.3270


 195.1578, 0.2626,
0.3295

 17.5630, 0.2057,
0.3256

238.3961, 0.2657,
0.3296

 10.6367, 0.1884,
0.3232

287.5911, 0.2685,
0.3296

 5.8231, 0.1648,
0.3191

343.1271, 0.2710,

 2.7378, 0.1314,

0.3297

0.3107

405.3885, 0.2732,
0.3297

0.9964, 0.0226,
0.3105

0.0000, 0.0000,
0.0000

74.0830, 0.2443,
0.3288

74.0830, 0.2443,
0.3288

72.6829, 0.2367,
0.3288

75.9203, 0.2538,
0.3288

71.6761, 0.2310,
0.3288


78.2176, 0.2651,
0.3289


71.0247, 0.2273,
0.3288

81.0062, 0.2780,
0.3289

70.6791, 0.2253,
0.3287

84.3122, 0.2922,
0.3289

 70.5699, 0.2247,
0.3287

 88.1601, 0.3073,
0.3290

 91.8303, 0.3206,
0.3290

 91.8304, 0.3206,
0.3290

 91.8304, 0.3206,
0.3290

 91.8304, 0.3206,
0.3290

Harmonies

Analogous

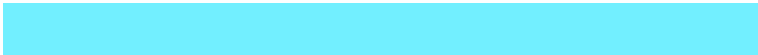
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0830, 0.2754, 0.3726



74.0830, 0.2443, 0.3288



74.0830, 0.2311, 0.2891

Triad

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



74.0830, 0.2443, 0.3288



74.0830, 0.3023, 0.2668



74.0830, 0.3923, 0.3906

Complementary

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



74.0830, 0.2443, 0.3288



32.0753, 0.4711, 0.3295

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.



74.0830, 0.4019, 0.3589



74.0830, 0.2443, 0.3288



74.0830, 0.3479, 0.2903

Square

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



74.0830, 0.2443, 0.3288



74.0830, 0.2626, 0.2572



74.0830, 0.3854, 0.3229



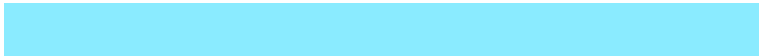
74.0830, 0.3609, 0.4087

Rectangle

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



74.0830, 0.2443, 0.3288



74.0830, 0.2332, 0.2706



74.0830, 0.3854, 0.3229



74.0830, 0.3982, 0.3811

Sweetspot

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



74.0858, 0.2443, 0.3288



93.0662, 0.2884, 0.3289



68.9546, 0.3057, 0.5003



19.7534, 0.2854, 0.3289



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.



74.0858, 0.2443, 0.3288



81.0048, 0.2362, 0.3288



42.7106, 0.2275, 0.2468



18.7578, 0.2981, 0.3290



38.7324, 0.2247, 0.3287



3.4042, 0.2247, 0.3287

Inverse Universe

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



32.0753, 0.4711, 0.3295



29.6490, 0.5222, 0.3296



51.2482, 0.4288, 0.3963



16.4825, 0.3294, 0.3291



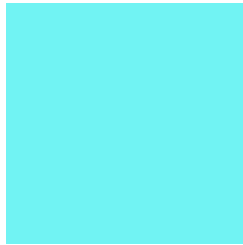
10.4579, 0.6401, 0.3300



0.9192, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 74.0830, 0.2443, 0.3288 looks on a white background.

Color Contrast Check

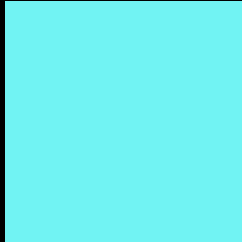
Large Text (above 18pt) WCAG AA × Fail

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 74.0830, 0.2443, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

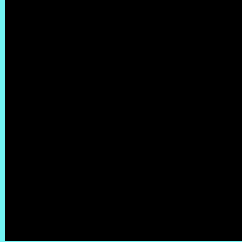
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

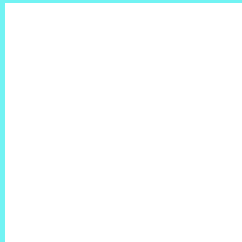
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0830, 0.2443, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 74.0830, 0.2443, 0.3288.

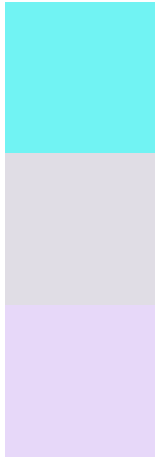


This preview shows how white text looks on a background with the Yxy color 74.0830, 0.2443, 0.3288.

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

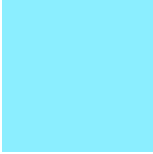
74.0830, 0.2443, 0.3288

Protanopia

73.2173, 0.3096, 0.3204

Deuteranopia

72.9402, 0.3017, 0.2949



Tritanopia

73.8580, 0.2481, 0.3092

Trichromacy



Original Color

74.0830, 0.2443, 0.3288



Protanomaly

72.1695, 0.2805, 0.3232



Deuteranomaly

71.7995, 0.2755, 0.3056



Tritanomaly

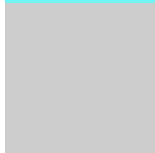
74.0310, 0.2466, 0.3159

Monochromacy



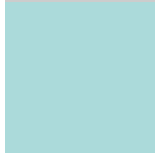
Original Color

74.0830, 0.2443, 0.3288



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

63.8627, 0.2808, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0830, 0.2443, 0.3288 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, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(113, 243, 243)  
}
```

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, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 243, 243) }
```

Border

The CSS property to change the border of an element to Yxy 74.0830, 0.2443, 0.3288 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, 243, 243) }
```

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

```
.border{ border-color:rgb(113, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(113, 243,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0830, 0.2443, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 243, 243) }
```

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

```
.background{ background-color: rgb(113,  
243, 243) }
```

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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