

Converting Colors

$Yxy(73.9109, 0.2389, 0.3608)$

Have a look what the booklet for
Yxy(73.9109, 0.2389, 0.3608)
contains.

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Color

Yxy(74.0030, 0.2388, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	39F9E0
RGB	57, 249, 224
RGB Percent	22%, 98%, 88%
CMY	0.7773, 0.0235, 0.1216
CMYK	0.77, 0.00, 0.10, 0.02
HSL	172°, 94%, 60%
HSV	172°, 77%, 98%
XYZ	49.0070, 74.0030, 82.2119
YIQ	188.7420, -106.4070, -48.4790

Conversions

Conversions Part 2

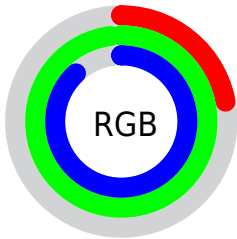
Format	Color
R _{YB}	57, 160, 249
Decimal	3799520
CIE Lab	88.92, -51.32, -1.22
CIE LCh	89, 51.335, 181.357
Yxy	74.0030, 0.2388, 0.3606
Android (android.graphics.Color)	4281989600 (0xFF39F9E0)
YUV	188.7420, 17.3822, -115.5377
Hunter-Lab	86.0250, -48.8553, 3.5556

Details

The Yxy color **74.0030, 0.2388, 0.3606** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **23.6555, 0.5532, 0.3113**, and the grayscale version is **50.6462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8083, 0.2497, 0.3288**, and **40.5638, 0.2352, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **73.2731, 0.2367, 0.3652**, and if you desaturate by 10%, it is **75.0999, 0.2428, 0.3560**.

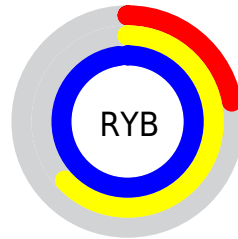
Distribution



Red (22%)

Green (98%)

Blue (88%)



Red (22%)

Yellow (63%)

Blue (98%)

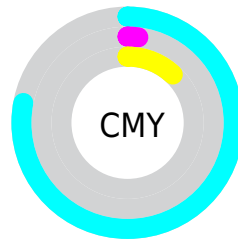


Cyan (77%)

Magenta (0%)

Yellow (10%)

Black (2%)



Cyan (78%)

Magenta (2%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0030, 0.2388, 0.3606 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 74.0030, 0.2388, 0.3606 by changing the saturation by 10% instead.


 74.0030, 0.2388,
0.3606

 74.0030, 0.2388,
0.3606


474.4837, 0.2725,
0.3463

 54.7965, 0.2313,
0.3638


 124.9001, 0.2504,
0.3557

 39.2388, 0.2221,
0.3676


 157.3594, 0.2549,
0.3538

 26.9456, 0.2106,
0.3724


 195.0052, 0.2588,
0.3521

 17.5323, 0.1959,
0.3785

 238.2217, 0.2622,
0.3507

 10.6148, 0.1765,
0.3864

287.3934, 0.2652,
0.3494

 5.8084, 0.1498,
0.3971


342.9047, 0.2679,

 2.7289, 0.1115,


0.3483


0.4121


405.1400, 0.2703,
0.3472


 0.9919, 0.0000,
0.4579


 0.0000, 0.0000,
0.0000


 74.0030, 0.2388,
0.3606

 74.0030, 0.2388,
0.3606


 73.2731, 0.2367,
0.3652


 75.0999, 0.2428,
0.3560

 72.8418, 0.2363,
0.3698


 76.6017, 0.2488,
0.3514


 72.7493, 0.2364,
0.3710


 78.5504, 0.2567,
0.3469


 80.9810, 0.2664,
0.3427

 83.9247, 0.2774,
0.3386

 87.4101, 0.2897,
0.3348

 91.4638, 0.3029,
0.3313

 95.9182, 0.3160,
0.3281

 96.1233, 0.3141,
0.3250

Harmonies

Analogous

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



74.0030, 0.2896, 0.4174



74.0030, 0.2388, 0.3606



74.0030, 0.2092, 0.2989

Triad

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



74.0030, 0.2388, 0.3606



74.0030, 0.2678, 0.2372



74.0030, 0.4326, 0.3883

Complementary

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



74.0030, 0.2388, 0.3606



23.6555, 0.5532, 0.3113

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.



74.0030, 0.4283, 0.3414



74.0030, 0.2388, 0.3606



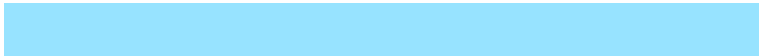
74.0030, 0.3274, 0.2591

Square

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



74.0030, 0.2388, 0.3606



74.0030, 0.2248, 0.2347



74.0030, 0.3883, 0.2959



74.0030, 0.4024, 0.4268

Rectangle

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



74.0030, 0.2388, 0.3606



74.0030, 0.2034, 0.2668



74.0030, 0.3883, 0.2959



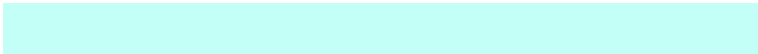
74.0030, 0.4354, 0.3730

Sweetspot

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



74.0058, 0.2388, 0.3606



90.0406, 0.2824, 0.3370



69.8672, 0.3092, 0.5666



18.9996, 0.2781, 0.3384



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.



74.0058, 0.2388, 0.3606



77.0356, 0.2363, 0.3679



39.7589, 0.2047, 0.2338



19.5674, 0.2998, 0.3321



38.9513, 0.2362, 0.3703



3.6181, 0.2347, 0.3648

Inverse Universe

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



23.6555, 0.5532, 0.3113



21.9072, 0.6105, 0.3184



35.6866, 0.5192, 0.3907



17.2620, 0.3273, 0.3259



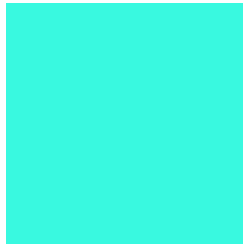
10.8488, 0.6236, 0.3209



1.0159, 0.5971, 0.3063

Previews

White Background



This preview shows how the Yxy color 74.0030, 0.2388, 0.3606 looks on a white background.

Color Contrast Check

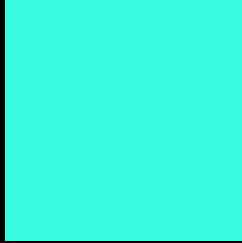
Large Text (above 18pt) WCAG AA × Fail

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 74.0030, 0.2388, 0.3606 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 74.0030, 0.2388, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 74.0030, 0.2388, 0.3606.

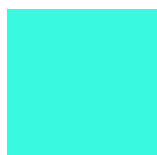


This preview shows how white text looks on a background with the Yxy color 74.0030, 0.2388, 0.3606.

Color Blindness Simulation

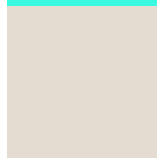
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.0030, 0.2388, 0.3606



Protanopia

72.2344, 0.3266, 0.3420



Deuteranopia

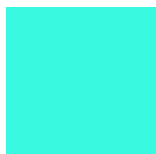
72.5475, 0.3186, 0.3124



Tritanopia

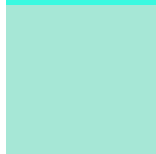
73.5422, 0.2438, 0.3102

Trichromacy



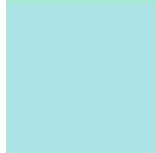
Original Color

74.0030, 0.2388, 0.3606



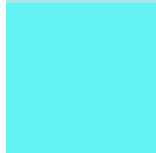
Protanomaly

70.1139, 0.2812, 0.3493



Deuteranomaly

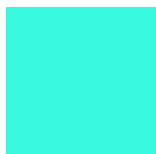
69.3103, 0.2765, 0.3277



Tritanomaly

73.4576, 0.2402, 0.3276

Monochromacy



Original Color

74.0030, 0.2388, 0.3606



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

56.5155, 0.2709, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0030, 0.2388, 0.3606 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(57, 249, 224)` looks like.

```
.text, #text, p{  
    color:rgb(57, 249, 224)  
}
```

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(57, 249, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 249, 224) }
```

Border

The CSS property to change the border of an element to Yxy 74.0030, 0.2388, 0.3606 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(57, 249, 224) }
```

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

```
.border{ border-color:rgb(57, 249, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 249, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 249, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 249, 224);  
box-shadow:4px 4px 4px 4px rgb(57, 249,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0030, 0.2388, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 249, 224) }
```

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

```
.background{ background-color: rgb(57, 249,  
224) }
```

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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