

Converting Colors

$Yxy(73.0843, 0.2372, 0.3497)$

Have a look what the booklet for
Yxy(73.0843, 0.2372, 0.3497)
contains.

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Color

Yxy(73.3585, 0.2374, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	41F7E6
RGB	65, 247, 230
RGB Percent	25%, 97%, 90%
CMY	0.7444, 0.0314, 0.0981
CMYK	0.74, 0.00, 0.07, 0.03
HSL	174°, 92%, 61%
HSV	174°, 74%, 97%
XYZ	49.7296, 73.3585, 86.3879
YIQ	190.6440, -103.0150, -43.8710

Conversions

Conversions Part 2

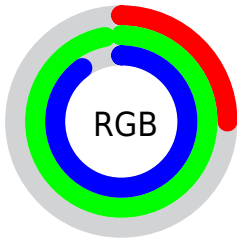
Format	Color
R _Y B	65, 160, 247
Decimal	4323302
CIE Lab	88.62, -48.04, -4.78
CIE LCh	89, 48.280, 185.676
Yxy	73.3585, 0.2374, 0.3502
Android (android.graphics.Color)	4282513382 (0xFF41F7E6)
YUV	190.6440, 19.4025, -110.1898
Hunter-Lab	85.6496, -46.2466, 0.1536

Details

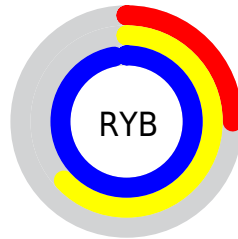
The Yxy color **73.3585, 0.2374, 0.3502** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **24.1862, 0.5465, 0.3163**, and the grayscale version is **51.8427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2290, 0.2516, 0.3288**, and **39.9221, 0.2315, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **72.5632, 0.2343, 0.3534**, and if you desaturate by 10%, it is **74.5296, 0.2424, 0.3470**.

Distribution



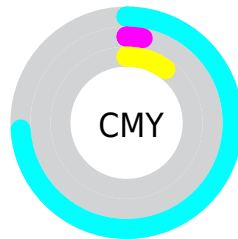
- Red (25%)
- Green (97%)
- Blue (90%)



- Red (25%)
- Yellow (63%)
- Blue (97%)



- Cyan (74%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)





- Cyan (74%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3585, 0.2374, 0.3502 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 73.3585, 0.2374, 0.3502 by changing the saturation by 10% instead.


 73.3585, 0.2374,
0.3502


 73.3585, 0.2374,
0.3502


472.2564, 0.2716,
0.3410

 54.2692, 0.2298,
0.3521


 123.9860, 0.2491,
0.3471


 38.8169, 0.2205,
0.3544


 156.2930, 0.2537,
0.3459

 26.6173, 0.2090,
0.3572

 193.7746, 0.2577,
0.3449

 17.2860, 0.1942,
0.3606

 236.8153, 0.2612,
0.3439

 10.4386, 0.1748,
0.3647

285.7994, 0.2642,
0.3431

 5.6907, 0.1483,
0.3696


341.1113, 0.2669,

 2.6580, 0.1109,


0.3423


0.3749


403.1355, 0.2694,
0.3416


 0.9559, 0.0000,
0.4001


 0.0000, 0.0000,
0.0000


 73.3585, 0.2374,
0.3502


 73.3585, 0.2374,
0.3502


 72.5632, 0.2343,
0.3534

 74.5296, 0.2424,
0.3470

 72.0835, 0.2331,
0.3566

 76.1107, 0.2494,
0.3438


 71.8949, 0.2330,
0.3587


 78.1414, 0.2582,
0.3407

 80.6544, 0.2687,
0.3377

 83.6794, 0.2806,
0.3349

 87.2437, 0.2937,
0.3322

 91.3726, 0.3075,
0.3298

 94.5860, 0.3170,
0.3276

 94.7307, 0.3156,
0.3254

Harmonies

Analogous

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



73.3585, 0.2833, 0.4056



73.3585, 0.2374, 0.3502



73.3585, 0.2124, 0.2936

Triad

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



73.3585, 0.2374, 0.3502



73.3585, 0.2777, 0.2436



73.3585, 0.4238, 0.3918

Complementary

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



73.3585, 0.2374, 0.3502



24.1862, 0.5465, 0.3163

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.



73.3585, 0.4246, 0.3478



73.3585, 0.2374, 0.3502



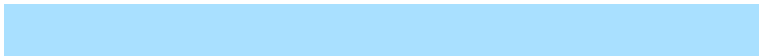
73.3585, 0.3354, 0.2669

Square

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



73.3585, 0.2374, 0.3502



73.3585, 0.2340, 0.2385



73.3585, 0.3911, 0.3037



73.3585, 0.3916, 0.4254

Rectangle

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



73.3585, 0.2374, 0.3502



73.3585, 0.2091, 0.2652



73.3585, 0.3911, 0.3037



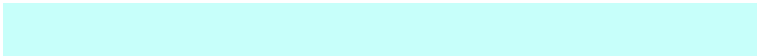
73.3585, 0.4280, 0.3777

Sweetspot

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



73.3613, 0.2374, 0.3502



90.5349, 0.2826, 0.3344



68.7582, 0.3078, 0.5595



19.1718, 0.2792, 0.3352



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.



73.3613, 0.2374, 0.3502



77.7458, 0.2336, 0.3549



38.2205, 0.2059, 0.2303



18.7295, 0.2993, 0.3312



38.0356, 0.2328, 0.3581



3.3506, 0.2317, 0.3541

Inverse Universe

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



24.1862, 0.5465, 0.3163



22.4635, 0.6039, 0.3204



38.3063, 0.5011, 0.3967



16.5077, 0.3279, 0.3268



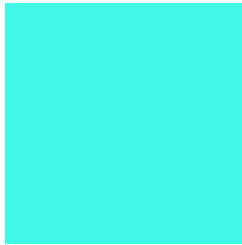
10.4997, 0.6295, 0.3242



0.9312, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 73.3585, 0.2374, 0.3502 looks on a white background.

Color Contrast Check

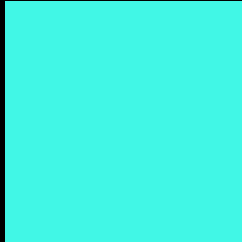
Large Text (above 18pt) WCAG AA × Fail

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 73.3585, 0.2374, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

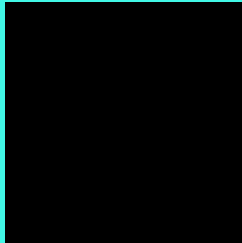
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3585, 0.2374, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 73.3585, 0.2374, 0.3502.

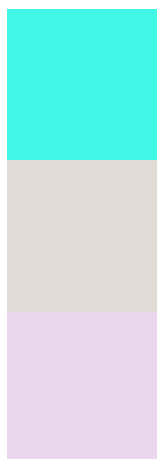


This preview shows how white text looks on a background with the Yxy color 73.3585, 0.2374, 0.3502.

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

73.3585, 0.2374, 0.3502

Protanopia

72.2102, 0.3210, 0.3355

Deuteranopia

71.7000, 0.3117, 0.3050



Tritanopia

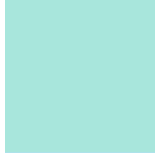
72.6542, 0.2421, 0.3089

Trichromacy



Original Color

73.3585, 0.2374, 0.3502



Protanomaly

70.0858, 0.2789, 0.3408



Deuteranomaly

69.2175, 0.2737, 0.3196



Tritanomaly

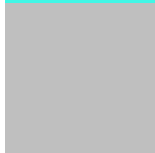
72.4480, 0.2392, 0.3227

Monochromacy



Original Color

73.3585, 0.2374, 0.3502



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

57.0161, 0.2716, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3585, 0.2374, 0.3502 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(65, 247, 230)` looks like.

```
.text, #text, p{  
    color:rgb(65, 247, 230)  
}
```

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(65, 247, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 247, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.3585, 0.2374, 0.3502 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(65, 247, 230) }
```

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

```
.border{ border-color:rgb(65, 247, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 247, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 247, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 247, 230);  
box-shadow:4px 4px 4px 4px rgb(65, 247,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3585, 0.2374, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 247, 230) }
```

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

```
.background{ background-color: rgb(65, 247,  
230) }
```

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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