

Converting Colors

$Yxy(74.3632, 0.2468, 0.3257)$

Have a look what the booklet for
Yxy(74.3632, 0.2468, 0.3257)
contains.

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Color

Yxy(74.2344, 0.2465, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	7AF2F5
RGB	122, 242, 245
RGB Percent	48%, 95%, 96%
CMY	0.5213, 0.0510, 0.0391
CMYK	0.50, 0.01, 0.00, 0.04
HSL	181°, 86%, 72%
HSV	181°, 50%, 96%
XYZ	56.2693, 74.2344, 97.7694
YIQ	206.4620, -72.4830, -24.5070

Conversions

Conversions Part 2

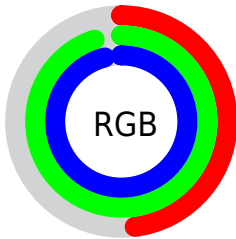
Format	Color
RYB	122, 183, 245
Decimal	8057589
CIELab	89.03, -32.89, -11.86
CIELCh	89, 34.964, 199.825
Yxy	74.2344, 0.2465, 0.3252
Android (android.graphics.Color)	4286247669 (0xFF7AF2F5)
YUV	206.4620, 18.9992, -74.0732
Hunter-Lab	86.1594, -34.2034, -6.9677

Details

The Yxy color **74.2344, 0.2465, 0.3252** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **35.5172, 0.4545, 0.3326**, and the grayscale version is **61.9564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **39.2128, 0.2316, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **72.3080, 0.2380, 0.3244**, and if you desaturate by 10%, it is **76.6186, 0.2569, 0.3260**.

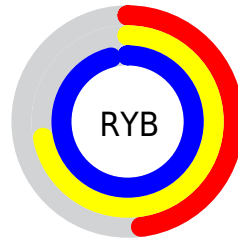
Distribution



Red (48%)

Green (95%)

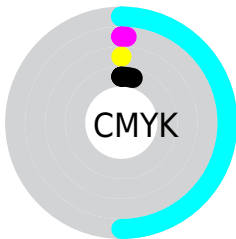
Blue (96%)



Red (48%)

Yellow (72%)

Blue (96%)

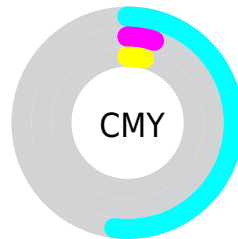


Cyan (50%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (52%)


Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2344, 0.2465, 0.3252 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 74.2344, 0.2465, 0.3252 by changing the saturation by 10% instead.

 74.2344, 0.2465,
0.3252

 74.2344, 0.2465,
0.3252


475.2820, 0.2763,
0.3277


 54.9859, 0.2399,
0.3244


 125.2280, 0.2567,
0.3262

 39.3904, 0.2319,
0.3234


 157.7420, 0.2607,
0.3266

 27.0636, 0.2219,
0.3220


 195.4465, 0.2642,
0.3269

 17.6210, 0.2091,
0.3199

238.7260, 0.2672,
0.3271

 10.6782, 0.1924,
0.3167

287.9649, 0.2699,
0.3273

 5.8509, 0.1695,
0.3113

343.5476, 0.2723,

 2.7546, 0.1370,

0.3275

0.3013

405.8585, 0.2744,
0.3276

■ 1.0050, 0.0432,
0.2939

■ 0.0000, 0.0000,
0.0000

■ 74.2344, 0.2465,
0.3252

■ 74.2344, 0.2465,
0.3252

■ 72.3080, 0.2380,
0.3244

■ 76.6186, 0.2569,
0.3260

■ 70.7963, 0.2314,
0.3235


■ 79.4829, 0.2690,
0.3268

■ 69.6627, 0.2267,
0.3227


■ 82.8586, 0.2824,
0.3276

■ 68.8598, 0.2239,
0.3219


■ 86.7715, 0.2970,
0.3283

 68.3168, 0.2225,
0.3211

 91.2461, 0.3124,
0.3290

 93.5350, 0.3191,
0.3296

 93.9026, 0.3191,
0.3302

 94.2714, 0.3190,
0.3308

 94.6413, 0.3190,
0.3313

Harmonies

Analogous

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



74.2344, 0.2745, 0.3662



74.2344, 0.2465, 0.3252



74.2344, 0.2356, 0.2890

Triad

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



74.2344, 0.2465, 0.3252



74.2344, 0.3070, 0.2719



74.2344, 0.3854, 0.3893

Complementary

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



74.2344, 0.2465, 0.3252



35.5172, 0.4545, 0.3326

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.



74.2344, 0.3964, 0.3605



74.2344, 0.2465, 0.3252



74.2344, 0.3495, 0.2951

Square

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



74.2344, 0.2465, 0.3252



74.2344, 0.2686, 0.2615



74.2344, 0.3831, 0.3266



74.2344, 0.3547, 0.4041

Rectangle

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



74.2344, 0.2465, 0.3252



74.2344, 0.2388, 0.2724



74.2344, 0.3831, 0.3266



74.2344, 0.3916, 0.3808

Sweetspot

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



74.2373, 0.2465, 0.3252



92.8529, 0.2898, 0.3280



70.9219, 0.3043, 0.4867



19.6831, 0.2868, 0.3278



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.



74.2373, 0.2465, 0.3252



79.1802, 0.2380, 0.3244



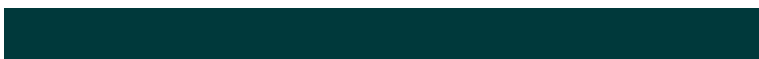
43.9877, 0.2313, 0.2473



18.6835, 0.2981, 0.3284



36.8266, 0.2226, 0.3212



3.2585, 0.2228, 0.3222

Inverse Universe

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



39.7637, 0.3211, 0.2105



37.7420, 0.3227, 0.1920



55.7724, 0.4174, 0.3969



16.7608, 0.3142, 0.3063



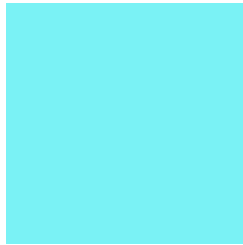
13.8170, 0.3272, 0.1576



1.2166, 0.3263, 0.1571

Previews

White Background



This preview shows how the Yxy color 74.2344, 0.2465, 0.3252 looks on a white background.

Color Contrast Check

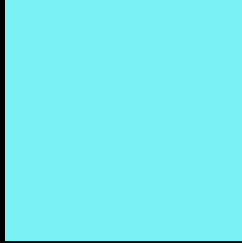
Large Text (above 18pt) WCAG AA × Fail

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 74.2344, 0.2465, 0.3252 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 74.2344, 0.2465, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 74.2344, 0.2465, 0.3252.

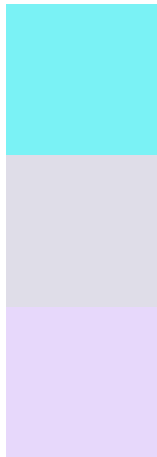


This preview shows how white text looks on a background with the Yxy color 74.2344, 0.2465, 0.3252.

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

74.2344, 0.2465, 0.3252

Protanopia

73.2271, 0.3070, 0.3172

Deuteranopia

73.0657, 0.3004, 0.2930



Tritanopia

74.2087, 0.2499, 0.3093

Trichromacy



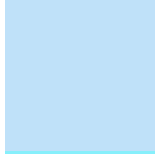
Original Color

74.2344, 0.2465, 0.3252



Protanomaly

72.5922, 0.2801, 0.3199



Deuteranomaly

71.7663, 0.2761, 0.3024



Tritanomaly

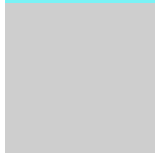
73.8489, 0.2484, 0.3148

Monochromacy



Original Color

74.2344, 0.2465, 0.3252



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.9443, 0.2822, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2344, 0.2465, 0.3252 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(122, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(122, 242, 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(122, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 242, 245) }
```

Border

The CSS property to change the border of an element to Yxy 74.2344, 0.2465, 0.3252 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(122, 242, 245) }
```

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

```
.border{ border-color:rgb(122, 242, 245) }
```

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

Here you see how a box with a 4 pixel rgb(122, 242, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(122, 242,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2344, 0.2465, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 242, 245) }
```

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

```
.background{ background-color: rgb(122,  
242, 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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