

Converting Colors

$Y_{xy}(75.0274, 0.2444, 0.3162)$

Have a look what the booklet for
Yxy(75.0274, 0.2444, 0.3162)
contains.

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Color

Yxy(74.9561, 0.2442, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	7DF2FD
RGB	125, 242, 253
RGB Percent	49%, 95%, 99%
CMY	0.5102, 0.0509, 0.0079
CMYK	0.51, 0.04, 0.00, 0.01
HSL	185°, 97%, 74%
HSV	185°, 51%, 99%
XYZ	57.9249, 74.9561, 104.3218
YIQ	208.2710, -73.2630, -21.3830

Conversions

Conversions Part 2

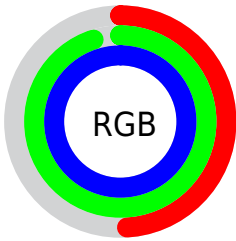
Format	Color
RYB	125, 186, 253
Decimal	8254205
CIELab	89.37, -30.28, -15.49
CIELCh	89, 34.009, 207.096
Yxy	74.9561, 0.2442, 0.3160
Android (android.graphics.Color)	4286444285 (0xFF7DF2FD)
YUV	208.2710, 22.0514, -73.0287
Hunter-Lab	86.5772, -32.0837, -10.8379

Details

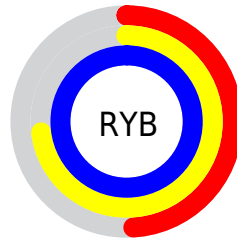
The Yxy color **74.9561, 0.2442, 0.3160** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.9255, 0.4521, 0.3407**, and the grayscale version is **63.1373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0543, 0.2726, 0.3289**, and **40.0331, 0.2295, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **72.0123, 0.2350, 0.3131**, and if you desaturate by 10%, it is **78.4055, 0.2552, 0.3189**.

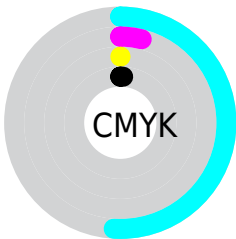
Distribution



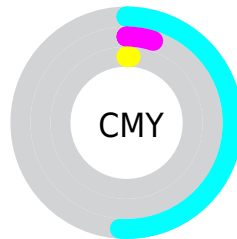
- Red (49%)
- Green (95%)
- Blue (99%)



- Red (49%)
- Yellow (73%)
- Blue (99%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





- Cyan (51%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9561, 0.2442, 0.3160 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 74.9561, 0.2442, 0.3160 by changing the saturation by 10% instead.

 74.9561, 0.2442,
0.3160


 74.9561, 0.2442,
0.3160


477.7667, 0.2749,
0.3228


 55.5769, 0.2374,
0.3143

 126.2502, 0.2547,
0.3185

 39.8638, 0.2292,
0.3120

 158.9340, 0.2588,
0.3194

 27.4324, 0.2191,
0.3091


 196.8213, 0.2624,
0.3202

 17.8982, 0.2062,
0.3051

240.2967, 0.2655,
0.3209

 10.8769, 0.1893,
0.2992

289.7446, 0.2683,
0.3215

 5.9841, 0.1665,
0.2902

345.5493, 0.2707,

 2.8354, 0.1345,

0.3220

0.2750

408.0952, 0.2729,
0.3224

■ 1.0464, 0.0599,
0.2538

■ 0.0000, 0.0000,
0.0000

■ 74.9561, 0.2442,
0.3160

■ 74.9561, 0.2442,
0.3160

■ 72.0123, 0.2350,
0.3131

■ 78.4055, 0.2552,
0.3189

■ 69.5279, 0.2277,
0.3101

■ 82.3855, 0.2677,
0.3216

■ 67.4625, 0.2224,
0.3071

■ 86.9298, 0.2815,
0.3242

■ 65.7645, 0.2189,
0.3042

■ 92.0665, 0.2963,
0.3266

■ 64.4294, 0.2171,
0.3015

■ 97.8222, 0.3117,
0.3289

99.8703, 0.3139,
0.3309

Harmonies

Analogous

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



74.9561, 0.2678, 0.3558



74.9561, 0.2442, 0.3160



74.9561, 0.2380, 0.2836

Triad

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



74.9561, 0.2442, 0.3160



74.9561, 0.3173, 0.2780



74.9561, 0.3775, 0.3927

Complementary

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



74.9561, 0.2442, 0.3160



39.9255, 0.4521, 0.3407

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.



74.9561, 0.3934, 0.3672



74.9561, 0.2442, 0.3160



74.9561, 0.3576, 0.3030

Square

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



74.9561, 0.2442, 0.3160



74.9561, 0.2781, 0.2645



74.9561, 0.3862, 0.3348



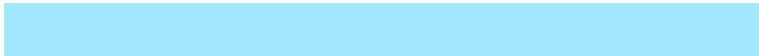
74.9561, 0.3444, 0.4021

Rectangle

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



74.9561, 0.2442, 0.3160



74.9561, 0.2440, 0.2700



74.9561, 0.3862, 0.3348



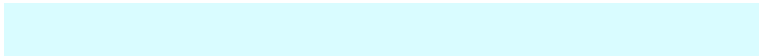
74.9561, 0.3851, 0.3855

Sweetspot

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



74.9590, 0.2442, 0.3160



91.3834, 0.2897, 0.3256



76.3536, 0.3005, 0.4782



19.3249, 0.2866, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

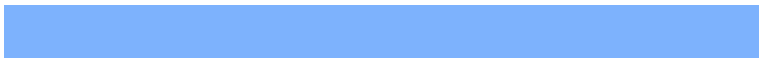
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9590, 0.2442, 0.3160



73.2198, 0.2347, 0.3129



43.3905, 0.2283, 0.2351



20.1999, 0.2980, 0.3269



34.3894, 0.2172, 0.3019



3.4234, 0.2181, 0.3053

Inverse Universe

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



41.9332, 0.3282, 0.2156



36.6616, 0.3319, 0.1971



63.4857, 0.4139, 0.4058



18.2720, 0.3151, 0.3076



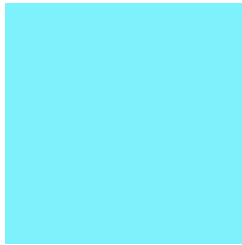
14.1996, 0.3437, 0.1667



1.3901, 0.3408, 0.1651

Previews

White Background



This preview shows how the Yxy color 74.9561, 0.2442, 0.3160 looks on a white background.

Color Contrast Check

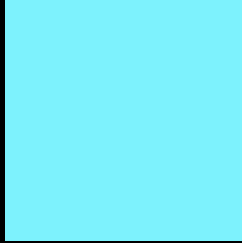
Large Text (above 18pt) WCAG AA × Fail

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 74.9561, 0.2442, 0.3160 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 74.9561, 0.2442, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 74.9561, 0.2442, 0.3160.

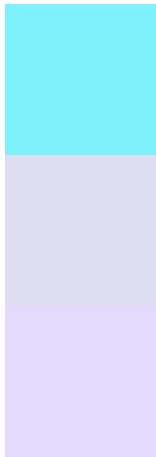


This preview shows how white text looks on a background with the Yxy color 74.9561, 0.2442, 0.3160.

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

74.9561, 0.2442, 0.3160

Protanopia

74.0634, 0.3012, 0.3099

Deuteranopia

73.8568, 0.2959, 0.2909



Tritanopia

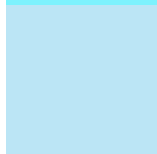
74.5721, 0.2517, 0.3094

Trichromacy



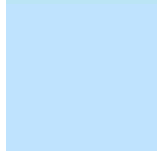
Original Color

74.9561, 0.2442, 0.3160



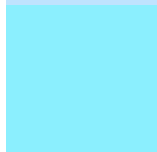
Protanomaly

73.1960, 0.2762, 0.3111



Deuteranomaly

73.1703, 0.2735, 0.2994



Tritanomaly

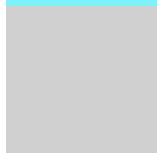
74.3777, 0.2488, 0.3115

Monochromacy



Original Color

74.9561, 0.2442, 0.3160



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

66.0332, 0.2819, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9561, 0.2442, 0.3160 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(125, 242, 253)` looks like.

```
.text, #text, p{  
    color:rgb(125, 242, 253)  
}
```

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(125, 242, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 242, 253) }
```

Border

The CSS property to change the border of an element to Yxy 74.9561, 0.2442, 0.3160 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(125, 242, 253) }
```

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

```
.border{ border-color:rgb(125, 242, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 242, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 242, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 242, 253);  
box-shadow:4px 4px 4px 4px rgb(125, 242,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9561, 0.2442, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 242, 253) }
```

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

```
.background{ background-color: rgb(125,  
242, 253) }
```

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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