

Converting Colors

$Yxy(75.4588, 0.2425, 0.3148)$

Have a look what the booklet for
Yxy(75.4588, 0.2425, 0.3148)
contains.

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Color

Yxy(75.4588, 0.2425, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	7AF3FF
RGB	122, 243, 255
RGB Percent	48%, 95%, 100%
CMY	0.5215, 0.0470, 0.0000
CMYK	0.52, 0.05, 0.00, 0.00
HSL	185°, 100%, 74%
HSV	185°, 52%, 100%
XYZ	58.1282, 75.4588, 106.1169
YIQ	208.1890, -75.9680, -21.9200

Conversions

Conversions Part 2

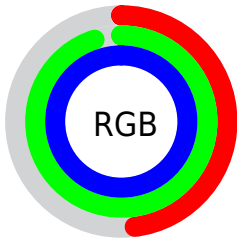
Format	Color
RYB	122, 185, 255
Decimal	8057855
CIELab	89.61, -30.79, -16.21
CIElCh	90, 34.800, 207.762
Yxy	75.4588, 0.2425, 0.3148
Android (android.graphics.Color)	4286247935 (0xFF7AF3FF)
YUV	208.1890, 23.0778, -75.5878
Hunter-Lab	86.8670, -32.5717, -11.6219

Details

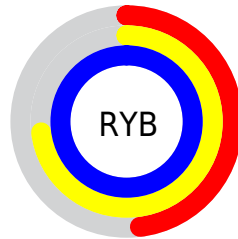
The Yxy color **75.4588, 0.2425, 0.3148** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.7175, 0.4582, 0.3416**, and the grayscale version is **63.0923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8073, 0.2716, 0.3289**, and **39.9793, 0.2272, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **72.4689, 0.2335, 0.3117**, and if you desaturate by 10%, it is **78.9585, 0.2533, 0.3179**.

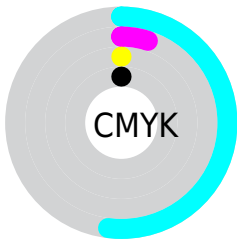
Distribution



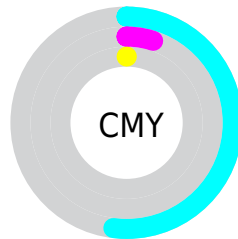
- Red (48%)
- Green (95%)
- Blue (100%)



- Red (48%)
- Yellow (73%)
- Blue (100%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4588, 0.2425, 0.3148 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 75.4588, 0.2425, 0.3148 by changing the saturation by 10% instead.


 75.4588, 0.2425,
0.3148


 75.4588, 0.2425,
0.3148


479.4930, 0.2739,
0.3222

 55.9888, 0.2356,
0.3129


 126.9616, 0.2532,
0.3175

 40.1940, 0.2273,
0.3105


 159.7632, 0.2574,
0.3185

 27.6898, 0.2169,
0.3074


 197.7775, 0.2610,
0.3194

 18.0920, 0.2038,
0.3031

241.3889, 0.2643,
0.3201

 11.0160, 0.1868,
0.2968

290.9818, 0.2671,
0.3207

 6.0776, 0.1638,
0.2873

346.9405, 0.2696,

 2.8923, 0.1318,

0.3213

0.2714

409.6494, 0.2719,
0.3218

■ 1.0758, 0.0599,
0.2486

■ 0.0000, 0.0000,
0.0000

■ 75.4588, 0.2425,
0.3148

■ 75.4588, 0.2425,
0.3148

■ 72.4689, 0.2335,
0.3117

■ 78.9585, 0.2533,
0.3179

■ 69.9432, 0.2265,
0.3085

■ 82.9965, 0.2656,
0.3208

■ 67.8387, 0.2214,
0.3054

■ 87.6066, 0.2793,
0.3235

■ 66.1011, 0.2182,
0.3023

■ 92.8180, 0.2940,
0.3261

64.9308, 0.2166,
0.2999

98.6579, 0.3093,
0.3285

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



75.4588, 0.2662, 0.3554



75.4588, 0.2425, 0.3148



75.4588, 0.2366, 0.2820

Triad

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



75.4588, 0.2425, 0.3148



75.4588, 0.3183, 0.2775



75.4588, 0.3782, 0.3944

Complementary

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



75.4588, 0.2425, 0.3148



39.7175, 0.4582, 0.3416

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.



75.4588, 0.3950, 0.3686



75.4588, 0.2425, 0.3148



75.4588, 0.3593, 0.3031

Square

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



75.4588, 0.2425, 0.3148



75.4588, 0.2781, 0.2635



75.4588, 0.3882, 0.3356



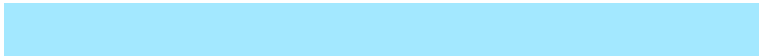
75.4588, 0.3442, 0.4037

Rectangle

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



75.4588, 0.2425, 0.3148



75.4588, 0.2430, 0.2685



75.4588, 0.3882, 0.3356



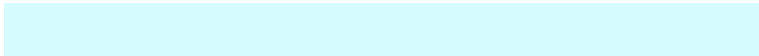
75.4588, 0.3862, 0.3871

Sweetspot

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



75.4610, 0.2425, 0.3148



90.7403, 0.2882, 0.3252



77.3543, 0.3002, 0.4834



19.1922, 0.2852, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

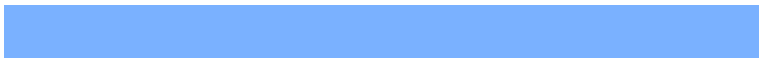
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4610, 0.2425, 0.3148



72.2375, 0.2329, 0.3114



42.9696, 0.2257, 0.2316



20.1846, 0.2980, 0.3268



34.0435, 0.2168, 0.3004



3.3933, 0.2178, 0.3039

Inverse Universe

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



41.6527, 0.3293, 0.2131



35.6493, 0.3334, 0.1946



63.7830, 0.4177, 0.4079



18.2704, 0.3152, 0.3077



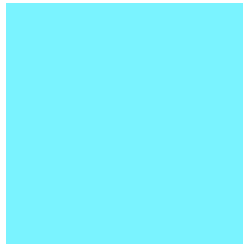
14.1647, 0.3451, 0.1674



1.3871, 0.3420, 0.1657

Previews

White Background



This preview shows how the Yxy color 75.4588, 0.2425, 0.3148 looks on a white background.

Color Contrast Check

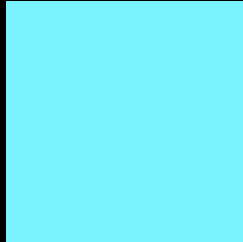
Large Text (above 18pt) WCAG AA × Fail

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 75.4588, 0.2425, 0.3148 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 75.4588, 0.2425, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 75.4588, 0.2425, 0.3148.

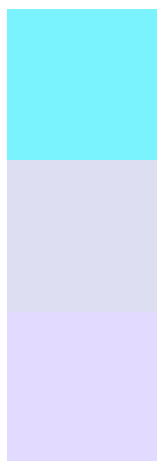


This preview shows how white text looks on a background with the Yxy color 75.4588, 0.2425, 0.3148.

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

75.4588, 0.2425, 0.3148

Protanopia

74.1830, 0.2999, 0.3079

Deuteranopia

74.2139, 0.2952, 0.2919



Tritanopia

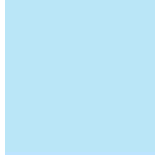
75.3426, 0.2528, 0.3106

Trichromacy



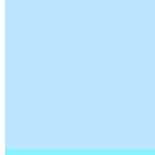
Original Color

75.4588, 0.2425, 0.3148



Protanomaly

73.7481, 0.2747, 0.3100



Deuteranomaly

73.5256, 0.2719, 0.2994



Tritanomaly

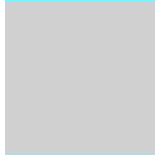
75.0291, 0.2486, 0.3116

Monochromacy



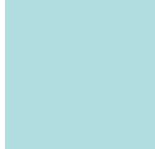
Original Color

75.4588, 0.2425, 0.3148



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

66.4963, 0.2807, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4588, 0.2425, 0.3148 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, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 243, 255)  
}
```

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, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 243, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.4588, 0.2425, 0.3148 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, 243, 255) }
```

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

```
.border{ border-color:rgb(122, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 243,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4588, 0.2425, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 243, 255) }
```

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

```
.background{ background-color: rgb(122,  
243, 255) }
```

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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