

Converting Colors

$Yxy(74.9437, 0.2386, 0.3214)$

Have a look what the booklet for
Yxy(74.9437, 0.2386, 0.3214)
contains.

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Color

Yxy(75.2129, 0.2385, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	68F5FB
RGB	104, 245, 251
RGB Percent	41%, 96%, 98%
CMY	0.5926, 0.0391, 0.0158
CMYK	0.59, 0.02, 0.00, 0.02
HSL	182°, 95%, 70%
HSV	182°, 59%, 98%
XYZ	55.7609, 75.2129, 102.8245
YIQ	203.5250, -85.9620, -28.0260

Conversions

Conversions Part 2

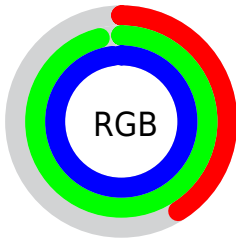
Format	Color
RYB	104, 176, 251
Decimal	6878715
CIELab	89.49, -36.14, -14.34
CIELCh	89, 38.880, 201.636
Yxy	75.2129, 0.2385, 0.3217
Android (android.graphics.Color)	4285068795 (0xFF68F5FB)
YUV	203.5250, 23.4052, -87.2834
Hunter-Lab	86.7254, -37.0012, -9.5884

Details

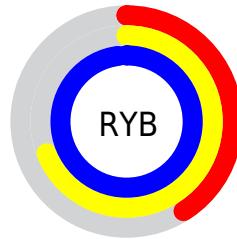
The Yxy color **75.2129, 0.2385, 0.3217** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **32.6221, 0.4916, 0.3353**, and the grayscale version is **59.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0648, 0.2642, 0.3289**, and **39.9582, 0.2221, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **73.3190, 0.2314, 0.3203**, and if you desaturate by 10%, it is **77.5625, 0.2475, 0.3231**.

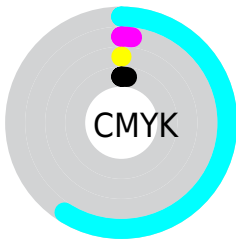
Distribution



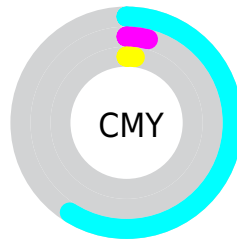
- Red (41%)
- Green (96%)
- Blue (98%)



- Red (41%)
- Yellow (69%)
- Blue (98%)



- Cyan (59%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)





- Cyan (59%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2129, 0.2385, 0.3217 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 75.2129, 0.2385, 0.3217 by changing the saturation by 10% instead.


 75.2129, 0.2385,
0.3217

 75.2129, 0.2385,
0.3217


478.6490, 0.2717,
0.3260

 55.7873, 0.2312,
0.3205


 126.6137, 0.2498,
0.3234

 40.0324, 0.2224,
0.3189


 159.3577, 0.2542,
0.3240

 27.5638, 0.2115,
0.3167


 197.3099, 0.2581,
0.3245

 17.9971, 0.1976,
0.3136

240.8549, 0.2615,
0.3249

 10.9479, 0.1796,
0.3090

290.3768, 0.2645,
0.3253

 6.0318, 0.1555,
0.3014

346.2603, 0.2672,

 2.8644, 0.1220,

0.3256

0.2881

408.8895, 0.2696,
0.3258

■ 1.0614, 0.0301,
0.2740

■ 0.0000, 0.0000,
0.0000

■ 75.2129, 0.2385,
0.3217

■ 75.2129, 0.2385,
0.3217

■ 73.3190, 0.2314,
0.3203

■ 77.5625, 0.2475,
0.3231

■ 71.8312, 0.2263,
0.3189


■ 80.3951, 0.2584,
0.3244


■ 70.7039, 0.2230,
0.3176


■ 83.7461, 0.2708,
0.3257


■ 69.8676, 0.2213,
0.3163


■ 87.6448, 0.2846,
0.3269


 69.7610, 0.2211,
0.3161

 92.1187, 0.2994,
0.3281

 97.1931, 0.3149,
0.3291

 97.9291, 0.3152,
0.3301

 98.5699, 0.3151,
0.3311

 99.2141, 0.3151,
0.3320

Harmonies

Analogous

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



75.2129, 0.2681, 0.3677



75.2129, 0.2385, 0.3217



75.2129, 0.2280, 0.2825

Triad

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



75.2129, 0.2385, 0.3217



75.2129, 0.3090, 0.2676



75.2129, 0.3914, 0.3968

Complementary

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



75.2129, 0.2385, 0.3217



32.6221, 0.4916, 0.3353

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.



75.2129, 0.4054, 0.3652



75.2129, 0.2385, 0.3217



75.2129, 0.3560, 0.2936

Square

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



75.2129, 0.2385, 0.3217



75.2129, 0.2662, 0.2552



75.2129, 0.3924, 0.3282



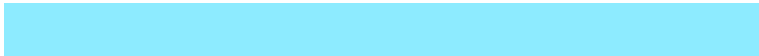
75.2129, 0.3562, 0.4126

Rectangle

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



75.2129, 0.2385, 0.3217



75.2129, 0.2322, 0.2652



75.2129, 0.3924, 0.3282



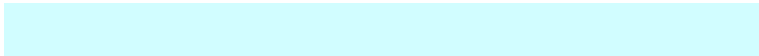
75.2129, 0.3988, 0.3875

Sweetspot

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



75.2158, 0.2385, 0.3217



91.1292, 0.2854, 0.3270



73.0160, 0.3020, 0.5135



19.2383, 0.2813, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

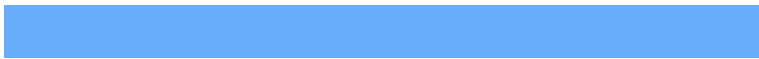
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2158, 0.2385, 0.3217



75.7697, 0.2305, 0.3201



39.6082, 0.2176, 0.2270



19.4809, 0.2980, 0.3280



36.7314, 0.2212, 0.3163



3.4384, 0.2216, 0.3179

Inverse Universe

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



36.9777, 0.3247, 0.1962



33.2610, 0.3269, 0.1790



55.0965, 0.4383, 0.4089



17.5117, 0.3144, 0.3066



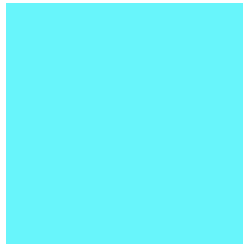
14.1190, 0.3313, 0.1599



1.3113, 0.3300, 0.1591

Previews

White Background



This preview shows how the Yxy color 75.2129, 0.2385, 0.3217 looks on a white background.

Color Contrast Check

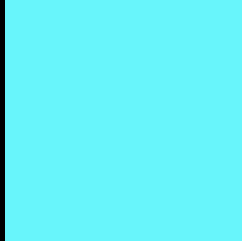
Large Text (above 18pt) WCAG AA × Fail

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 75.2129, 0.2385, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

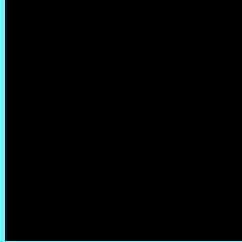
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2129, 0.2385, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 75.2129, 0.2385, 0.3217.

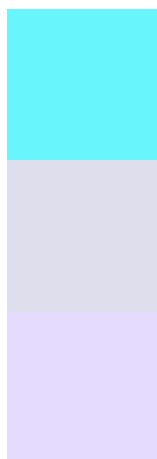


This preview shows how white text looks on a background with the Yxy color 75.2129, 0.2385, 0.3217.

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

75.2129, 0.2385, 0.3217

Protanopia

74.0450, 0.3037, 0.3131

Deuteranopia

74.0208, 0.2965, 0.2910



Tritanopia

74.7926, 0.2501, 0.3105

Trichromacy



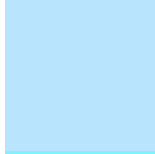
Original Color

75.2129, 0.2385, 0.3217



Protanomaly

72.7077, 0.2739, 0.3153



Deuteranomaly

72.8329, 0.2696, 0.3002



Tritanomaly

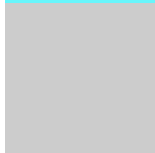
74.7335, 0.2451, 0.3137

Monochromacy



Original Color

75.2129, 0.2385, 0.3217



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

64.2083, 0.2773, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2129, 0.2385, 0.3217 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(104, 245, 251)` looks like.

```
.text, #text, p{  
    color:rgb(104, 245, 251)  
}
```

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(104, 245, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 245, 251) }
```

Border

The CSS property to change the border of an element to Yxy 75.2129, 0.2385, 0.3217 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(104, 245, 251) }
```

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

```
.border{ border-color:rgb(104, 245, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 245, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 245, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 245, 251);  
box-shadow:4px 4px 4px 4px rgb(104, 245,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2129, 0.2385, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 245, 251) }
```

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

```
.background{ background-color: rgb(104,  
245, 251) }
```

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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