

Converting Colors

$Yxy(71.4258, 0.2431, 0.3092)$

Have a look what the booklet for
Yxy(71.4258, 0.2431, 0.3092)
contains.

Yxy(71.4427, 0.2428, 0.3088)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.4427, 0.2428, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	7DECFD
RGB	125, 236, 253
RGB Percent	49%, 93%, 99%
CMY	0.5100, 0.0745, 0.0079
CMYK	0.51, 0.07, 0.00, 0.01
HSL	188°, 97%, 74%
HSV	188°, 51%, 99%
XYZ	56.1732, 71.4427, 103.7400
YIQ	204.7490, -71.6130, -18.2450

Conversions

Conversions Part 2

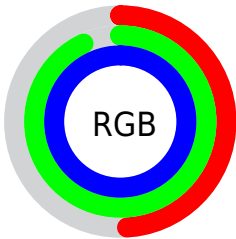
Format	Color
RYB	125, 184, 253
Decimal	8252669
CIELab	87.70, -27.38, -18.01
CIELCh	88, 32.774, 213.330
Yxy	71.4427, 0.2428, 0.3088
Android (android.graphics.Color)	4286442749 (0xFF7DECFD)
YUV	204.7490, 23.7877, -69.9399
Hunter-Lab	84.5238, -29.2883, -13.6027

Details

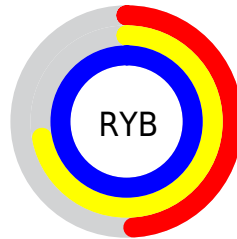
The Yxy color **71.4427, 0.2428, 0.3088** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.6779, 0.4484, 0.3470**, and the grayscale version is **60.7554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0543, 0.2726, 0.3289**, and **37.5887, 0.2275, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **67.8663, 0.2330, 0.3042**, and if you desaturate by 10%, it is **75.5455, 0.2543, 0.3133**.

Distribution



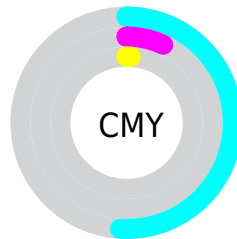
- Red (49%)
- Green (93%)
- Blue (99%)



- Red (49%)
- Yellow (72%)
- Blue (99%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)





- Cyan (51%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4427, 0.2428, 0.3088 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 71.4427, 0.2428, 0.3088 by changing the saturation by 10% instead.


 71.4427, 0.2428,
0.3088


 71.4427, 0.2428,
0.3088


465.5995, 0.2744,
0.3190


 52.7036, 0.2358,
0.3063


 121.2639, 0.2536,
0.3125

 37.5662, 0.2273,
0.3031


 153.1147, 0.2578,
0.3139

 25.6462, 0.2168,
0.2989


 190.1048, 0.2615,
0.3151

 16.5591, 0.2033,
0.2932

232.6187, 0.2647,
0.3161

 9.9207, 0.1858,
0.2851

281.0407, 0.2675,
0.3170

 5.3464, 0.1619,
0.2729

335.7553, 0.2701,

 2.4519, 0.1284,

0.3177

0.2528

397.1467, 0.2723,
0.3184

0.8524, 0.0376,
0.2261

0.0000, 0.0000,
0.0000

71.4427, 0.2428,
0.3088

71.4427, 0.2428,
0.3088

67.8663, 0.2330,
0.3042

75.5455, 0.2543,
0.3133

64.7703, 0.2251,
0.2994

80.2002, 0.2673,
0.3176

62.1142, 0.2191,
0.2947

85.4405, 0.2814,
0.3216

59.8462, 0.2151,
0.2900

91.2949, 0.2963,
0.3254

■ 57.9925, 0.2127,
0.2857

■ 97.7897, 0.3118,
0.3288

99.8706, 0.3139,
0.3309

Harmonies

Analogous

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



71.4427, 0.2627, 0.3471



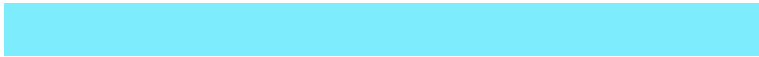
71.4427, 0.2428, 0.3088



71.4427, 0.2404, 0.2796

Triad

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



71.4427, 0.2428, 0.3088



71.4427, 0.3257, 0.2833



71.4427, 0.3706, 0.3949

Complementary

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



71.4427, 0.2428, 0.3088



41.6779, 0.4484, 0.3470

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.



71.4427, 0.3902, 0.3726



71.4427, 0.2428, 0.3088



71.4427, 0.3638, 0.3097

Square

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



71.4427, 0.2428, 0.3088



71.4427, 0.2861, 0.2674



71.4427, 0.3880, 0.3415



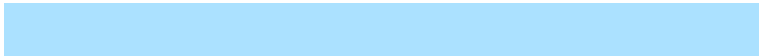
71.4427, 0.3359, 0.3998

Rectangle

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



71.4427, 0.2428, 0.3088



71.4427, 0.2487, 0.2685



71.4427, 0.3880, 0.3415



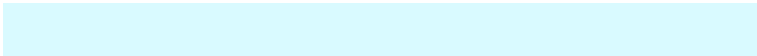
71.4427, 0.3792, 0.3890

Sweetspot

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



71.4454, 0.2428, 0.3088



90.2620, 0.2897, 0.3238



76.4840, 0.2985, 0.4728



19.0520, 0.2865, 0.3230



0.0000, 0.0000, 0.0000



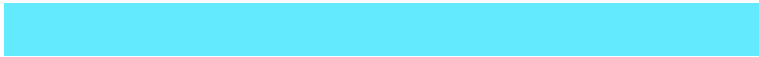
21.4041, 0.3127, 0.3290

Same Dimension

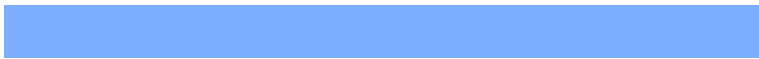
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4454, 0.2428, 0.3088



68.9647, 0.2326, 0.3040



41.7283, 0.2272, 0.2295



20.0466, 0.2980, 0.3258



31.0112, 0.2129, 0.2864



3.1285, 0.2144, 0.2917

Inverse Universe

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



41.5892, 0.3338, 0.2205



36.2320, 0.3392, 0.2026



65.4965, 0.4115, 0.4098



18.2565, 0.3158, 0.3086



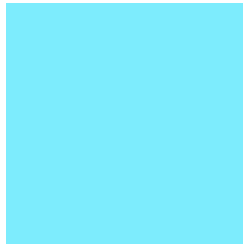
13.8586, 0.3576, 0.1743



1.3604, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 71.4427, 0.2428, 0.3088 looks on a white background.

Color Contrast Check

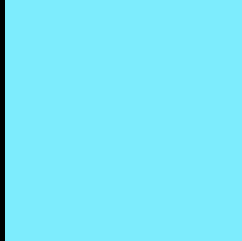
Large Text (above 18pt) WCAG AA × Fail

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 71.4427, 0.2428, 0.3088 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 71.4427, 0.2428, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 71.4427, 0.2428, 0.3088.

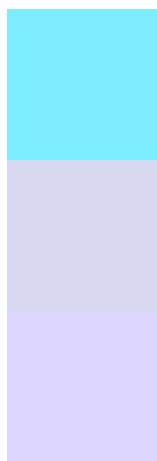


This preview shows how white text looks on a background with the Yxy color 71.4427, 0.2428, 0.3088.

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

71.4427, 0.2428, 0.3088

Protanopia

70.5755, 0.2964, 0.3032

Deuteranopia

70.6853, 0.2911, 0.2861



Tritanopia

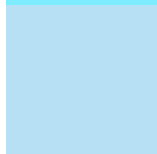
71.6465, 0.2424, 0.3065

Trichromacy



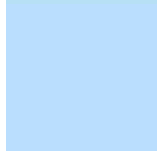
Original Color

71.4427, 0.2428, 0.3088



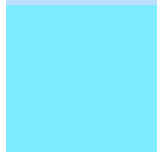
Protanomaly

69.9712, 0.2734, 0.3052



Deuteranomaly

69.8374, 0.2701, 0.2935



Tritanomaly

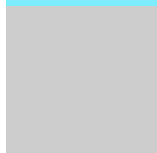
71.5823, 0.2428, 0.3076

Monochromacy



Original Color

71.4427, 0.2428, 0.3088



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

63.6158, 0.2814, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4427, 0.2428, 0.3088 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, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(125, 236, 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, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 236, 253) }
```

Border

The CSS property to change the border of an element to Yxy 71.4427, 0.2428, 0.3088 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, 236, 253) }
```

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

```
.border{ border-color:rgb(125, 236, 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, 236, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 236, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 236, 253); box-shadow:4px 4px 4px 4px rgb(125, 236, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4427, 0.2428, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 236, 253) }
```

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

```
.background{ background-color: rgb(125,  
236, 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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