

Converting Colors

$Y_{xy}(62.5525, 0.2386, 0.2922)$

Have a look what the booklet for
Yxy(62.5525, 0.2386, 0.2922)
contains.

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Color

Yxy(62.7429, 0.2384, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	79DDFB
RGB	121, 221, 251
RGB Percent	47%, 87%, 98%
CMY	0.5254, 0.1333, 0.0157
CMYK	0.52, 0.12, 0.00, 0.02
HSL	194°, 94%, 73%
HSV	194°, 52%, 98%
XYZ	51.1556, 62.7429, 100.6805
YIQ	194.5200, -69.2300, -11.8700

Conversions

Conversions Part 2

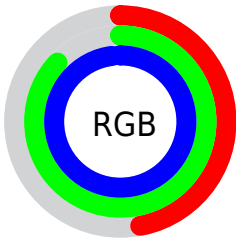
Format	Color
RYB	121, 178, 251
Decimal	7986683
CIELab	83.31, -21.33, -23.63
CIELCh	83, 31.834, 227.920
Yxy	62.7429, 0.2384, 0.2924
Android (android.graphics.Color)	4286176763 (0xFF79DDFB)
YUV	194.5200, 27.8446, -64.4770
Hunter-Lab	79.2104, -23.3394, -19.9133

Details

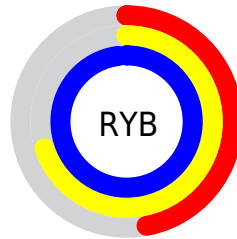
The Yxy color **62.7429, 0.2384, 0.2924** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **44.0299, 0.4449, 0.3607**, and the grayscale version is **54.1394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **32.0082, 0.2215, 0.2835** is the 20% darker color. If you saturate the color by 10%, you get **58.1547, 0.2275, 0.2840**, and if you desaturate by 10%, it is **67.9130, 0.2509, 0.3005**.

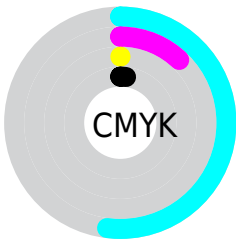
Distribution



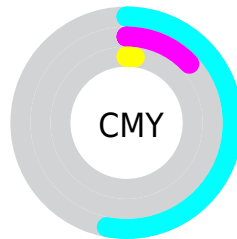
- Red (47%)
- Green (87%)
- Blue (98%)



- Red (47%)
- Yellow (70%)
- Blue (98%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)




- Cyan (53%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7429, 0.2384, 0.2924 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 62.7429, 0.2384, 0.2924 by changing the saturation by 10% instead.


 62.7429, 0.2384,
0.2924


 62.7429, 0.2384,
0.2924


434.6358, 0.2726,
0.3105


 45.6332, 0.2307,
0.2880


 108.7985, 0.2502,
0.2989

 31.9565, 0.2213,
0.2825


 138.5133, 0.2548,
0.3013

 21.3283, 0.2095,
0.2753


 173.1985, 0.2588,
0.3034

 13.3642, 0.1945,
0.2657

213.2386, 0.2622,
0.3052

 7.6798, 0.1746,
0.2522

259.0180, 0.2653,
0.3068

 3.8907, 0.1474,
0.2323

310.9211, 0.2680,

 1.6126, 0.1094,

0.3082

369.3322, 0.2704,
0.3094

0.2005

0.3661, 0.0000,
0.1273

0.0000, 0.0000,
0.0000

62.7429, 0.2384,
0.2924

62.7429, 0.2384,
0.2924

58.1547, 0.2275,
0.2840

67.9130, 0.2509,
0.3005

54.1030, 0.2184,
0.2754

73.6924, 0.2646,
0.3082

50.5459, 0.2113,
0.2667

80.1149, 0.2793,
0.3153

47.4306, 0.2061,
0.2582

87.2093, 0.2945,
0.3220

■ 45.1361, 0.2031,
0.2512

■ 95.0028, 0.3099,
0.3280

■ 99.7451, 0.3150,
0.3328

Harmonies

Analogous

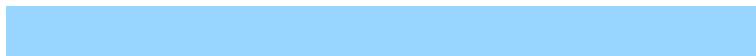
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.7429, 0.2501, 0.3280



62.7429, 0.2384, 0.2924



62.7429, 0.2448, 0.2700

Triad

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



62.7429, 0.2384, 0.2924



62.7429, 0.3457, 0.2946



62.7429, 0.3556, 0.4010

Complementary

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



62.7429, 0.2384, 0.2924



44.0299, 0.4449, 0.3607

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.



62.7429, 0.3841, 0.3858



62.7429, 0.2384, 0.2924



62.7429, 0.3789, 0.3247

Square

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



62.7429, 0.2384, 0.2924



62.7429, 0.3047, 0.2728



62.7429, 0.3932, 0.3575



62.7429, 0.3166, 0.3949

Rectangle

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



62.7429, 0.2384, 0.2924



62.7429, 0.2587, 0.2640



62.7429, 0.3932, 0.3575



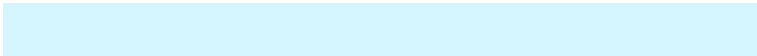
62.7429, 0.3667, 0.3980

Sweetspot

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



62.7453, 0.2384, 0.2924



87.2047, 0.2880, 0.3192



75.2369, 0.2924, 0.4600



18.3419, 0.2849, 0.3179



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.



62.7453, 0.2384, 0.2924



60.1641, 0.2272, 0.2838



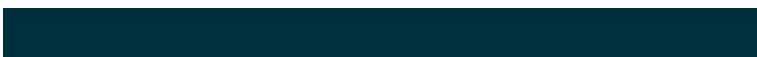
35.4336, 0.2218, 0.2096



18.8894, 0.2980, 0.3234



23.9573, 0.2035, 0.2526



2.3781, 0.2063, 0.2628

Inverse Universe

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



39.4097, 0.3470, 0.2292



34.8797, 0.3562, 0.2134



70.0710, 0.4069, 0.4235



17.4520, 0.3173, 0.3109



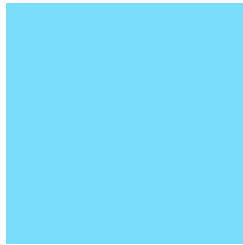
12.8294, 0.3896, 0.1920



1.2043, 0.3797, 0.1865

Previews

White Background



This preview shows how the Yxy color 62.7429, 0.2384, 0.2924 looks on a white background.

Color Contrast Check

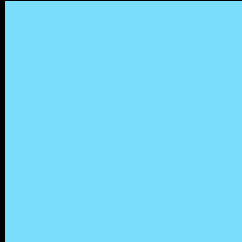
Large Text (above 18pt) WCAG AA × Fail

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 62.7429, 0.2384, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

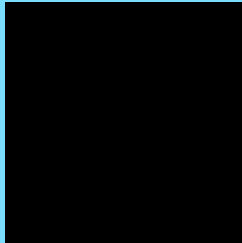
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7429, 0.2384, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 62.7429, 0.2384, 0.2924.



This preview shows how white text looks on a background with the Yxy color 62.7429, 0.2384, 0.2924.

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

62.7429, 0.2384, 0.2924

Protanopia

62.2333, 0.2857, 0.2897

Deuteranopia

62.0176, 0.2777, 0.2711



Tritanopia

62.9081, 0.2417, 0.3065

Trichromacy



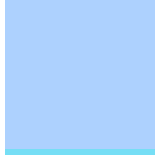
Original Color

62.7429, 0.2384, 0.2924



Protanomaly

61.7781, 0.2652, 0.2904



Deuteranomaly

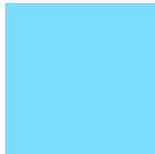
61.6409, 0.2607, 0.2774



Tritanomaly

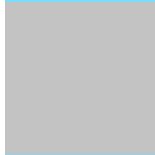
62.6867, 0.2400, 0.3005

Monochromacy



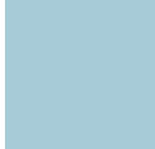
Original Color

62.7429, 0.2384, 0.2924



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.4169, 0.2794, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7429, 0.2384, 0.2924 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(121, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(121, 221, 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(121, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 221, 251) }
```

Border

The CSS property to change the border of an element to Yxy 62.7429, 0.2384, 0.2924 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(121, 221, 251) }
```

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

```
.border{ border-color:rgb(121, 221, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 221, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 221, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 221, 251); box-shadow:4px 4px 4px 4px rgb(121, 221, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7429, 0.2384, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 221, 251) }
```

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

```
.background{ background-color: rgb(121,  
221, 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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