

Converting Colors

$Yxy(63.2424, 0.2404, 0.2935)$

Have a look what the booklet for
Yxy(63.2424, 0.2404, 0.2935)
contains.

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Color

Yxy(63.0379, 0.2401, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	7DDDFB
RGB	125, 221, 251
RGB Percent	49%, 87%, 98%
CMY	0.5096, 0.1333, 0.0158
CMYK	0.50, 0.12, 0.00, 0.02
HSL	194°, 94%, 74%
HSV	194°, 50%, 98%
XYZ	51.7273, 63.0379, 100.6754
YIQ	195.7160, -66.8460, -11.0220

Conversions

Conversions Part 2

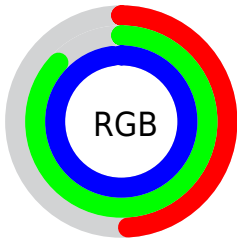
Format	Color
RYB	125, 179, 251
Decimal	8248827
CIELab	83.46, -20.49, -23.36
CIELCh	83, 31.073, 228.734
Yxy	63.0379, 0.2401, 0.2926
Android (android.graphics.Color)	4286438907 (0xFF7DDDFB)
YUV	195.7160, 27.2550, -62.0179
Hunter-Lab	79.3964, -22.6498, -19.6028

Details

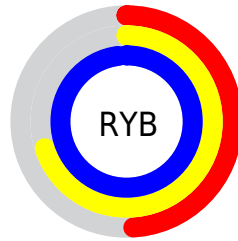
The Yxy color **63.0379, 0.2401, 0.2926** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **45.4338, 0.4384, 0.3608**, and the grayscale version is **54.8950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **32.1916, 0.2235, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **58.2852, 0.2288, 0.2840**, and if you desaturate by 10%, it is **68.3847, 0.2529, 0.3009**.

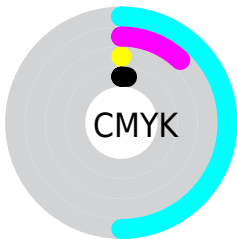
Distribution



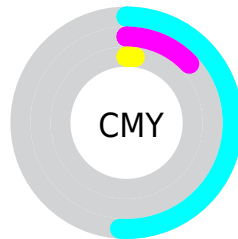
- Red (49%)
- Green (87%)
- Blue (98%)



- Red (49%)
- Yellow (70%)
- Blue (98%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)




- Cyan (51%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0379, 0.2401, 0.2926 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 63.0379, 0.2401, 0.2926 by changing the saturation by 10% instead.

 63.0379, 0.2401,
0.2926


 63.0379, 0.2401,
0.2926

435.7070, 0.2735,
0.3105

 45.8719, 0.2326,
0.2883


 109.2242, 0.2516,
0.2990

 32.1447, 0.2234,
0.2828


 139.0132, 0.2561,
0.3015

 21.4721, 0.2119,
0.2757


 173.7787, 0.2600,
0.3035

 13.4695, 0.1971,
0.2663

213.9051, 0.2634,
0.3053

 7.7526, 0.1776,
0.2530

259.7767, 0.2664,
0.3069

 3.9371, 0.1509,
0.2333

311.7780, 0.2690,

 1.6384, 0.1133,

0.3083

0.2021

370.2933, 0.2714,
0.3095

■ 0.3833, 0.0000,
0.1325

■ 0.0000, 0.0000,
0.0000

■ 63.0379, 0.2401,
0.2926

■ 63.0379, 0.2401,
0.2926

■ 58.2852, 0.2288,
0.2840

■ 68.3847, 0.2529,
0.3009

■ 54.0817, 0.2193,
0.2751

■ 74.3524, 0.2669,
0.3087

■ 50.3865, 0.2117,
0.2661

■ 80.9744, 0.2817,
0.3161

■ 47.1485, 0.2062,
0.2572

■ 88.2795, 0.2970,
0.3228

■ 44.3291, 0.2024,
0.2486

■ 96.2944, 0.3125,
0.3289

■ 99.7426, 0.3150,
0.3329

Harmonies

Analogous

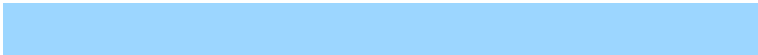
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.0379, 0.2511, 0.3270



63.0379, 0.2401, 0.2926



63.0379, 0.2468, 0.2711

Triad

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



63.0379, 0.2401, 0.2926



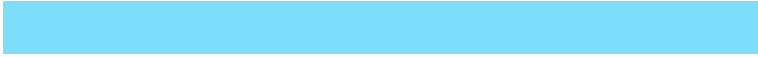
63.0379, 0.3459, 0.2962



63.0379, 0.3536, 0.3993

Complementary

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



63.0379, 0.2401, 0.2926



45.4338, 0.4384, 0.3608

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.



63.0379, 0.3818, 0.3851



63.0379, 0.2401, 0.2926



63.0379, 0.3779, 0.3258

Square

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



63.0379, 0.2401, 0.2926



63.0379, 0.3060, 0.2746



63.0379, 0.3912, 0.3578



63.0379, 0.3155, 0.3927

Rectangle

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



63.0379, 0.2401, 0.2926



63.0379, 0.2607, 0.2655



63.0379, 0.3912, 0.3578



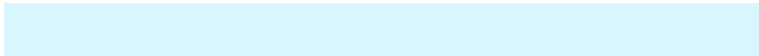
63.0379, 0.3646, 0.3965

Sweetspot

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



63.0403, 0.2401, 0.2926



87.7827, 0.2895, 0.3196



75.6826, 0.2918, 0.4524



18.4500, 0.2863, 0.3182



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.



63.0403, 0.2401, 0.2926



60.4943, 0.2289, 0.2841



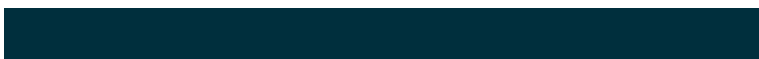
35.9973, 0.2243, 0.2113



18.8674, 0.2980, 0.3232



23.5455, 0.2028, 0.2501



2.3431, 0.2057, 0.2606

Inverse Universe

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



40.4048, 0.3466, 0.2327



35.8557, 0.3556, 0.2171



71.8102, 0.4026, 0.4227



17.4498, 0.3175, 0.3111



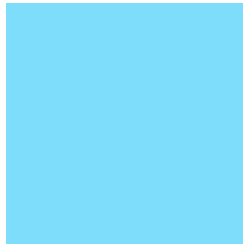
12.7878, 0.3922, 0.1934



1.2008, 0.3818, 0.1877

Previews

White Background



This preview shows how the Yxy color 63.0379, 0.2401, 0.2926 looks on a white background.

Color Contrast Check

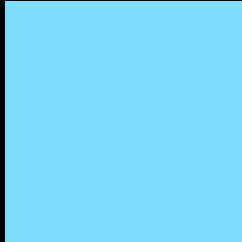
Large Text (above 18pt) WCAG AA × Fail

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 63.0379, 0.2401, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

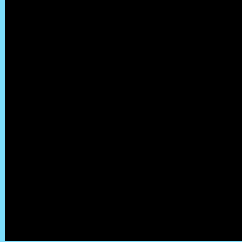
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0379, 0.2401, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 63.0379, 0.2401, 0.2926.

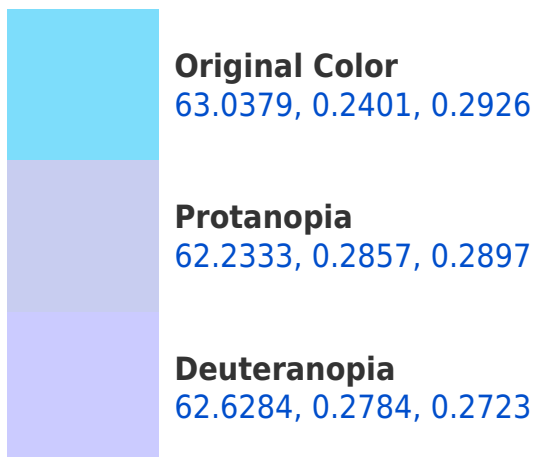


This preview shows how white text looks on a background with the Yxy color 63.0379, 0.2401, 0.2926.

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

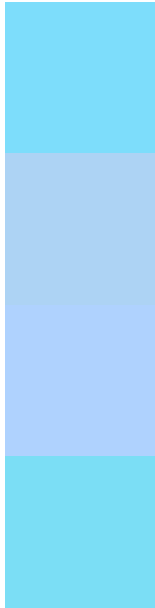




Tritanopia

63.2638, 0.2437, 0.3066

Trichromacy



Original Color

63.0379, 0.2401, 0.2926

Protanomaly

62.0044, 0.2664, 0.2905

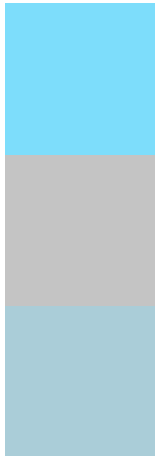
Deuteranomaly

62.3629, 0.2620, 0.2788

Tritanomaly

63.0461, 0.2421, 0.3007

Monochromacy



Original Color

63.0379, 0.2401, 0.2926

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.1666, 0.2802, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0379, 0.2401, 0.2926 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, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 221, 251) }
```

Border

The CSS property to change the border of an element to Yxy 63.0379, 0.2401, 0.2926 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, 221, 251) }
```

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

```
.border{ border-color:rgb(125, 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(125, 221, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 221, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 221, 251);  
box-shadow:4px 4px 4px 4px rgb(125, 221,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0379, 0.2401, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 221, 251) }
```

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

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