

Converting Colors

$Y_{xy}(62.2855, 0.2330, 0.2737)$

Have a look what the booklet for
Yxy(62.2855, 0.2330, 0.2737)
contains.

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Color

Yxy(61.6479, 0.2372, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	7CDAFF
RGB	124, 218, 255
RGB Percent	49%, 85%, 100%
CMY	0.5135, 0.1451, 0.0002
CMYK	0.51, 0.14, 0.00, 0.00
HSL	197°, 100%, 74%
HSV	197°, 51%, 100%
XYZ	51.4347, 61.6479, 103.7584
YIQ	194.1120, -67.9010, -8.4210

Conversions

Conversions Part 2

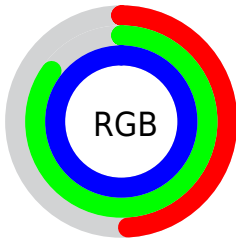
Format	Color
RYB	124, 179, 255
Decimal	8182527
CIELab	82.73, -18.09, -26.59
CIELCh	83, 32.165, 235.775
Yxy	61.6479, 0.2372, 0.2843
Android (android.graphics.Color)	4286372607 (0xFF7CDAFF)
YUV	194.1120, 30.0178, -61.4882
Hunter-Lab	78.5162, -20.4708, -23.3899

Details

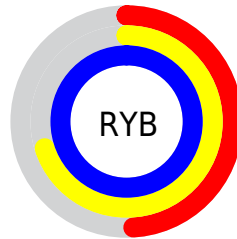
The Yxy color **61.6479, 0.2372, 0.2843** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.2079, 0.4392, 0.3675**, and the grayscale version is **53.8771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8073, 0.2716, 0.3289**, and **31.2637, 0.2200, 0.2728** is the 20% darker color. If you saturate the color by 10%, you get **56.3356, 0.2255, 0.2738**, and if you desaturate by 10%, it is **67.6180, 0.2504, 0.2943**.

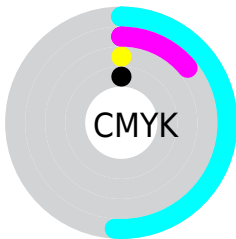
Distribution



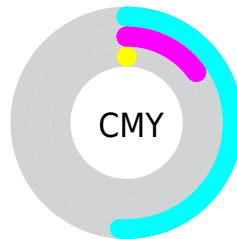
- Red (49%)
- Green (85%)
- Blue (100%)



- Red (49%)
- Yellow (70%)
- Blue (100%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)




- Cyan (51%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6479, 0.2372, 0.2843 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 61.6479, 0.2372, 0.2843 by changing the saturation by 10% instead.


 61.6479, 0.2372,
0.2843


 61.6479, 0.2372,
0.2843


430.6456, 0.2720,
0.3061

 44.7483, 0.2294,
0.2791


 107.2165, 0.2492,
0.2921

 31.2592, 0.2198,
0.2726


 136.6542, 0.2539,
0.2950

 20.7963, 0.2078,
0.2642


 171.0401, 0.2579,
0.2976

 12.9752, 0.1925,
0.2530

210.7585, 0.2614,
0.2997

 7.4115, 0.1723,
0.2375

256.1939, 0.2646,
0.3016

 3.7207, 0.1449,
0.2150

307.7306, 0.2673,

 1.5186, 0.1067,

0.3033

0.1803

365.7530, 0.2698,
0.3048

0.3018, 0.0000,
0.0980

0.0000, 0.0000,
0.0000

61.6479, 0.2372,
0.2843

61.6479, 0.2372,
0.2843

56.3356, 0.2255,
0.2738

67.6180, 0.2504,
0.2943

51.6335, 0.2155,
0.2631

74.2756, 0.2647,
0.3038

47.4974, 0.2076,
0.2523

81.6563, 0.2797,
0.3126

43.8719, 0.2016,
0.2416

89.7909, 0.2951,
0.3207

■ 41.0708, 0.1979,
0.2324

■ 98.7084, 0.3106,
0.3281

■ 99.9972, 0.3127,
0.3290

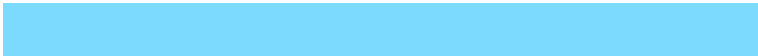
Harmonies

Analogous

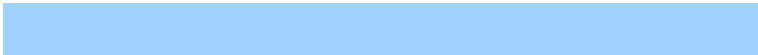
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.6479, 0.2443, 0.3175



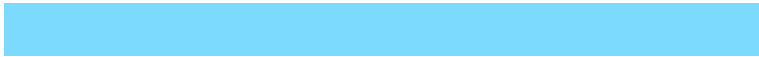
61.6479, 0.2372, 0.2843



61.6479, 0.2484, 0.2658

Triad

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



61.6479, 0.2372, 0.2843



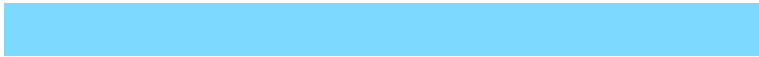
61.6479, 0.3564, 0.3015



61.6479, 0.3464, 0.4029

Complementary

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



61.6479, 0.2372, 0.2843



48.2079, 0.4392, 0.3675

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.



61.6479, 0.3792, 0.3924



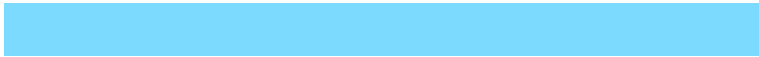
61.6479, 0.2372, 0.2843



61.6479, 0.3860, 0.3333

Square

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



61.6479, 0.2372, 0.2843



61.6479, 0.3154, 0.2767



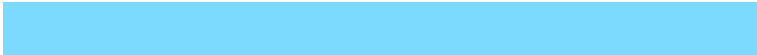
61.6479, 0.3943, 0.3662



61.6479, 0.3059, 0.3906

Rectangle

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



61.6479, 0.2372, 0.2843



61.6479, 0.2653, 0.2626



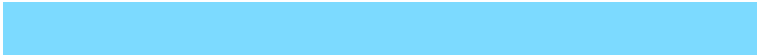
61.6479, 0.3943, 0.3662



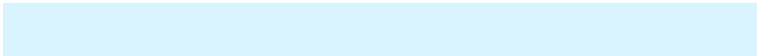
61.6479, 0.3588, 0.4017

Sweetspot

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



61.6502, 0.2372, 0.2843



86.7551, 0.2894, 0.3178



78.2850, 0.2895, 0.4503



18.2010, 0.2862, 0.3161



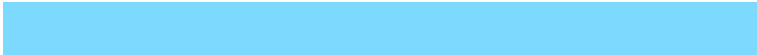
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



61.6502, 0.2372, 0.2843



56.0267, 0.2248, 0.2731



34.8207, 0.2209, 0.2023



19.5635, 0.2980, 0.3221



21.7348, 0.1984, 0.2342



2.3018, 0.2018, 0.2463

Inverse Universe

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



40.7466, 0.3535, 0.2358



34.4620, 0.3654, 0.2202



76.2443, 0.4026, 0.4286



18.2077, 0.3182, 0.3121



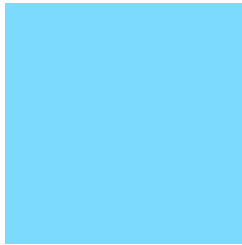
12.9221, 0.4083, 0.2023



1.2769, 0.3959, 0.1955

Previews

White Background



This preview shows how the Yxy color 61.6479, 0.2372, 0.2843 looks on a white background.

Color Contrast Check

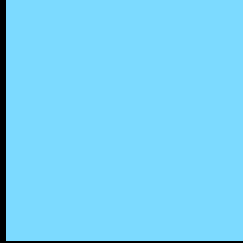
Large Text (above 18pt) WCAG AA × Fail

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 61.6479, 0.2372, 0.2843 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 61.6479, 0.2372, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 61.6479, 0.2372, 0.2843.



This preview shows how white text looks on a background with the Yxy color 61.6479, 0.2372, 0.2843.

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

61.6479, 0.2372, 0.2843

Protanopia

61.0402, 0.2798, 0.2818

Deuteranopia

60.8636, 0.2743, 0.2694



Tritanopia

61.7964, 0.2425, 0.3064

Trichromacy



Original Color

61.6479, 0.2372, 0.2843

Protanomaly

60.4974, 0.2615, 0.2813

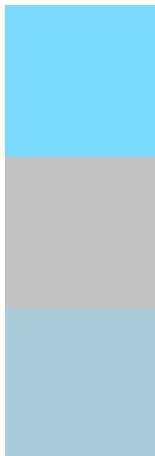
Deuteranomaly

60.3917, 0.2581, 0.2738

Tritanomaly

61.7720, 0.2404, 0.2980

Monochromacy



Original Color

61.6479, 0.2372, 0.2843

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

56.1048, 0.2794, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6479, 0.2372, 0.2843 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(124, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 218, 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(124, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.6479, 0.2372, 0.2843 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(124, 218, 255) }
```

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

```
.border{ border-color:rgb(124, 218, 255) }
```

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

Here you see how a box with a 4 pixel rgb(124, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6479, 0.2372, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 218, 255) }
```

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

```
.background{ background-color: rgb(124,  
218, 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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