

Converting Colors

$Yxy(62.8113, 0.2432, 0.2910)$

Have a look what the booklet for
Yxy(62.8113, 0.2432, 0.2910)
contains.

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Color

Yxy(62.6146, 0.2431, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	85DBFB
RGB	133, 219, 251
RGB Percent	52%, 86%, 98%
CMY	0.4784, 0.1412, 0.0157
CMYK	0.47, 0.13, 0.00, 0.02
HSL	196°, 94%, 75%
HSV	196°, 47%, 98%
XYZ	52.4160, 62.6146, 100.5844
YIQ	196.9340, -61.5280, -8.2800

Conversions

Conversions Part 2

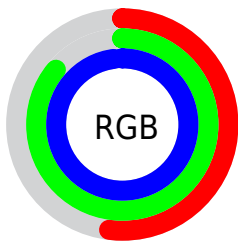
Format	Color
RYB	133, 183, 251
Decimal	8772603
CIELab	83.24, -17.73, -23.68
CIELCh	83, 29.583, 233.181
Yxy	62.6146, 0.2431, 0.2904
Android (android.graphics.Color)	4286962683 (0xFF85DBFB)
YUV	196.9340, 26.6545, -56.0701
Hunter-Lab	79.1294, -20.2364, -19.9752

Details

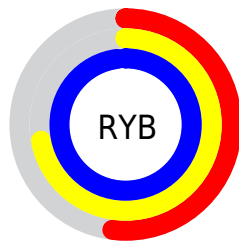
The Yxy color **62.6146, 0.2431, 0.2904** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **49.1101, 0.4250, 0.3632**, and the grayscale version is **55.6586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8164, 0.2757, 0.3289**, and **31.8624, 0.2271, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **57.3336, 0.2309, 0.2806**, and if you desaturate by 10%, it is **68.5335, 0.2567, 0.2998**.

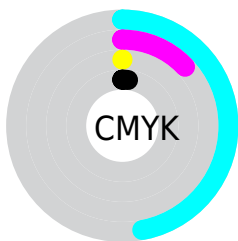
Distribution



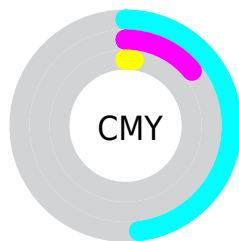
- Red (52%)
- Green (86%)
- Blue (98%)



- Red (52%)
- Yellow (72%)
- Blue (98%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (48%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6146, 0.2431, 0.2904 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 62.6146, 0.2431, 0.2904 by changing the saturation by 10% instead.

62.6146, 0.2431,
0.2904

62.6146, 0.2431,
0.2904

434.1694, 0.2752,
0.3093

45.5295, 0.2359,
0.2859

108.6133, 0.2542,
0.2971

31.8747, 0.2270,
0.2802

138.2957, 0.2585,
0.2997

21.2658, 0.2158,
0.2729

172.9460, 0.2622,
0.3019

13.3184, 0.2015,
0.2631

212.9485, 0.2655,
0.3038

7.6482, 0.1825,
0.2494

258.6878, 0.2684,
0.3054

3.8707, 0.1563,
0.2293

310.5481, 0.2709,

1.6015, 0.1192,

0.3069

0.1976

368.9138, 0.2732,
0.3081

0.3586, 0.0000,
0.1254

0.0000, 0.0000,
0.0000

62.6146, 0.2431,
0.2904

62.6146, 0.2431,
0.2904

57.3336, 0.2309,
0.2806

68.5335, 0.2567,
0.2998

52.6464, 0.2203,
0.2704

75.1168, 0.2712,
0.3086

48.5135, 0.2116,
0.2601

82.3976, 0.2864,
0.3167

44.8861, 0.2049,
0.2498

90.4046, 0.3019,
0.3242

■ 41.7023, 0.2003,
0.2396

■ 98.4942, 0.3151,
0.3309

■ 40.8084, 0.1991,
0.2366

■ 99.7447, 0.3150,
0.3328

Harmonies

Analogous

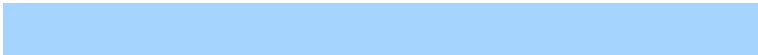
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.6146, 0.2512, 0.3218



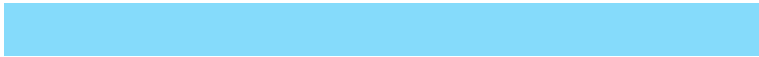
62.6146, 0.2431, 0.2904



62.6146, 0.2521, 0.2718

Triad

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



62.6146, 0.2431, 0.2904



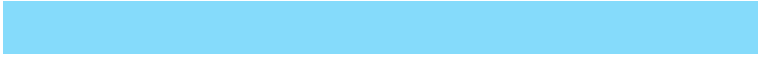
62.6146, 0.3497, 0.3015



62.6146, 0.3468, 0.3964

Complementary

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



62.6146, 0.2431, 0.2904



49.1101, 0.4250, 0.3632

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.



62.6146, 0.3757, 0.3857



62.6146, 0.2431, 0.2904



62.6146, 0.3780, 0.3306

Square

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



62.6146, 0.2431, 0.2904



62.6146, 0.3120, 0.2793



62.6146, 0.3876, 0.3610



62.6146, 0.3099, 0.3868

Rectangle

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



62.6146, 0.2431, 0.2904



62.6146, 0.2669, 0.2679



62.6146, 0.3876, 0.3610



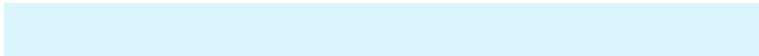
62.6146, 0.3578, 0.3949

Sweetspot

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



62.6170, 0.2431, 0.2904



87.8258, 0.2910, 0.3191



76.6752, 0.2908, 0.4380



18.4256, 0.2877, 0.3174



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.



62.6170, 0.2431, 0.2904



59.9349, 0.2320, 0.2815



37.2793, 0.2292, 0.2150



18.7659, 0.2980, 0.3224



21.7060, 0.1995, 0.2383



2.1860, 0.2029, 0.2504

Inverse Universe

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



42.3992, 0.3476, 0.2418



37.8651, 0.3569, 0.2272



75.2252, 0.3946, 0.4208



17.4395, 0.3180, 0.3119



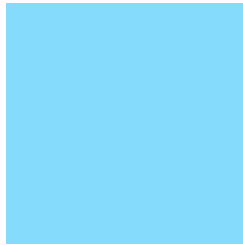
12.6021, 0.4040, 0.1999



1.1849, 0.3918, 0.1932

Previews

White Background



This preview shows how the Yxy color 62.6146, 0.2431, 0.2904 looks on a white background.

Color Contrast Check

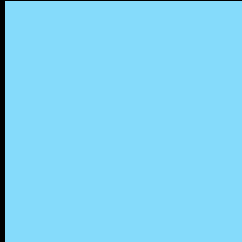
Large Text (above 18pt) WCAG AA × Fail

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 62.6146, 0.2431, 0.2904 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 62.6146, 0.2431, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 62.6146, 0.2431, 0.2904.



This preview shows how white text looks on a background with the Yxy color 62.6146, 0.2431, 0.2904.

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

62.6146, 0.2431, 0.2904

Protanopia

62.1556, 0.2844, 0.2886

Deuteranopia

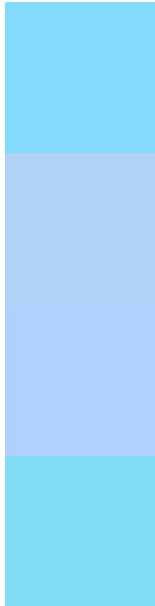
62.0176, 0.2777, 0.2711



Tritanopia

62.6120, 0.2473, 0.3066

Trichromacy



Original Color

62.6146, 0.2431, 0.2904

Protanomaly

61.7997, 0.2669, 0.2884

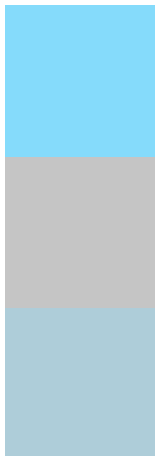
Deuteranomaly

61.6146, 0.2630, 0.2766

Tritanomaly

62.4033, 0.2456, 0.3007

Monochromacy



Original Color

62.6146, 0.2431, 0.2904

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.6711, 0.2823, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6146, 0.2431, 0.2904 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(133, 219, 251)` looks like.

```
.text, #text, p{  
    color:rgb(133, 219, 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(133, 219, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 219, 251) }
```

Border

The CSS property to change the border of an element to Yxy 62.6146, 0.2431, 0.2904 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(133, 219, 251) }
```

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

```
.border{ border-color:rgb(133, 219, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 219, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 219, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 219, 251);  
box-shadow:4px 4px 4px 4px rgb(133, 219,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6146, 0.2431, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 219, 251) }
```

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

```
.background{ background-color: rgb(133,  
219, 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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