

Converting Colors

Yxy(57.6833, 0.2310, 0.2845)

Have a look what the booklet for
Yxy(57.6833, 0.2310, 0.2845)
contains.

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Color

Yxy(57.9359, 0.2311, 0.2851)

Conversions

Conversions Part 1	
Format	Color
Hex	69D6F9
RGB	105, 214, 249
RGB Percent	41%, 84%, 98%
CMY	0.5885, 0.1607, 0.0236
CMYK	0.58, 0.14, 0.00, 0.02
HSL	195°, 92%, 69%
HSV	195°, 58%, 98%
XYZ	46.9624, 57.9359, 98.3142
YIQ	185.3990, -76.1990, -12.2230

Conversions

Conversions Part 2

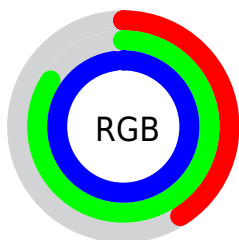
Format	Color
RYB	105, 167, 249
Decimal	6936313
CIELab	80.70, -21.54, -26.58
CIELCh	81, 34.212, 230.975
Yxy	57.9359, 0.2311, 0.2851
Android (android.graphics.Color)	4285126393 (0xFF69D6F9)
YUV	185.3990, 31.3553, -70.5099
Hunter-Lab	76.1156, -23.0700, -23.3006

Details

The Yxy color **57.9359, 0.2311, 0.2851** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **39.8828, 0.4667, 0.3652**, and the grayscale version is **48.5951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8470, 0.2633, 0.3289**, and **28.8489, 0.2122, 0.2735** is the 20% darker color. If you saturate the color by 10%, you get **53.6426, 0.2211, 0.2761**, and if you desaturate by 10%, it is **62.7881, 0.2428, 0.2939**.

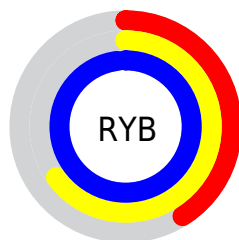
Distribution



Red (41%)

Green (84%)

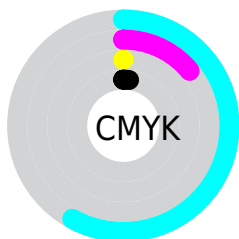
Blue (98%)



Red (41%)

Yellow (65%)

Blue (98%)

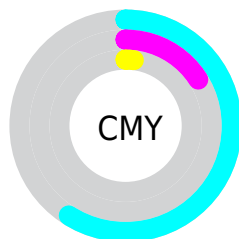


Cyan (58%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (59%)

Magenta (16%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9359, 0.2311, 0.2851 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 57.9359, 0.2311, 0.2851 by changing the saturation by 10% instead.


 57.9359, 0.2311,
0.2851


 57.9359, 0.2311,
0.2851


 416.9470, 0.2690,
0.3070

 41.7571, 0.2225,
0.2798


 101.8295, 0.2442,
0.2930


 28.9112, 0.2120,
0.2730


 130.3131, 0.2493,
0.2960

 19.0136, 0.1988,
0.2643


 163.6671, 0.2537,
0.2985

 11.6801, 0.1819,
0.2525

 202.2760, 0.2575,
0.3007

 6.5263, 0.1597,
0.2359

 246.5240, 0.2609,
0.3026

 3.1676, 0.1295,
0.2114


 296.7955, 0.2639,


 1.2199, 0.0854,


0.3042


0.1735


353.4751, 0.2666,
0.3057


 0.0778, 0.0000,
0.0326


 0.0000, 0.0000,
0.0000


 57.9359, 0.2311,
0.2851


 57.9359, 0.2311,
0.2851


 53.6426, 0.2211,
0.2761


 62.7881, 0.2428,
0.2939


 49.8609, 0.2130,
0.2670


 68.2289, 0.2560,
0.3022


 46.5446, 0.2069,
0.2578


 74.2931, 0.2702,
0.3101

 43.6295, 0.2027,
0.2488

 81.0106, 0.2852,
0.3174

 43.0364, 0.2019,
0.2469

 88.4093, 0.3005,
0.3242

 96.5151, 0.3160,
0.3303

 99.6184, 0.3162,
0.3347

Harmonies

Analogous

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



57.9359, 0.2418, 0.3231



57.9359, 0.2311, 0.2851



57.9359, 0.2401, 0.2626

Triad

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



57.9359, 0.2311, 0.2851



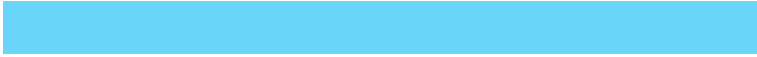
57.9359, 0.3534, 0.2943



57.9359, 0.3556, 0.4091

Complementary

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



57.9359, 0.2311, 0.2851



39.8828, 0.4667, 0.3652

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.



57.9359, 0.3889, 0.3938



57.9359, 0.2311, 0.2851



57.9359, 0.3886, 0.3276

Square

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



57.9359, 0.2311, 0.2851



57.9359, 0.3082, 0.2694



57.9359, 0.4017, 0.3633



57.9359, 0.3121, 0.4002

Rectangle

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



57.9359, 0.2311, 0.2851



57.9359, 0.2564, 0.2575



57.9359, 0.4017, 0.3633



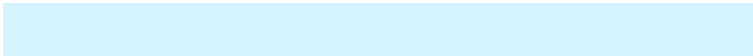
57.9359, 0.3684, 0.4063

Sweetspot

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



57.9380, 0.2311, 0.2851



86.1537, 0.2864, 0.3180



72.5904, 0.2900, 0.4750



18.1203, 0.2834, 0.3166



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.



57.9380, 0.2311, 0.2851



56.1153, 0.2200, 0.2750



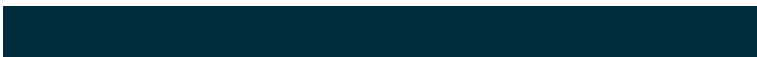
29.5872, 0.2102, 0.1897



18.8527, 0.2980, 0.3231



23.2738, 0.2023, 0.2484



2.3200, 0.2053, 0.2592

Inverse Universe

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



35.0821, 0.3543, 0.2210



31.6272, 0.3652, 0.2064



67.5299, 0.4172, 0.4349



17.4483, 0.3175, 0.3112



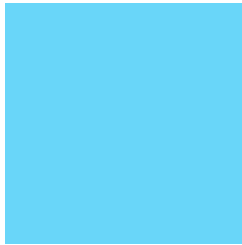
12.7604, 0.3938, 0.1943



1.1984, 0.3832, 0.1885

Previews

White Background



This preview shows how the Yxy color 57.9359, 0.2311, 0.2851 looks on a white background.

Color Contrast Check

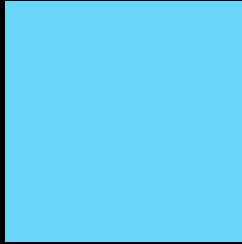
Large Text (above 18pt) WCAG AA × Fail

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 57.9359, 0.2311, 0.2851 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 57.9359, 0.2311, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 57.9359, 0.2311, 0.2851.



This preview shows how white text looks on a background with the Yxy color 57.9359, 0.2311, 0.2851.

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

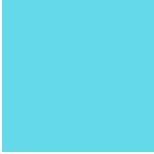
57.9359, 0.2311, 0.2851

Protanopia

57.1233, 0.2809, 0.2828

Deuteranopia

57.0692, 0.2702, 0.2637



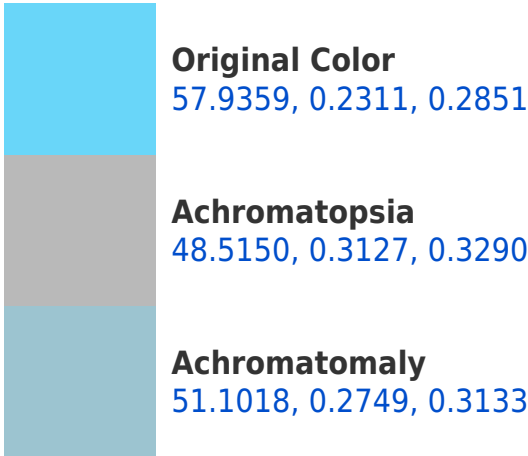
Tritanopia

58.2189, 0.2362, 0.3068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9359, 0.2311, 0.2851 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(105, 214, 249)` looks like.

```
.text, #text, p{  
    color:rgb(105, 214, 249)  
}
```


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(105, 214, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 214, 249) }
```

Border

The CSS property to change the border of an element to Yxy 57.9359, 0.2311, 0.2851 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(105, 214, 249) }
```


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

```
.border{ border-color:rgb(105, 214, 249) }
```

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

Here you see how a box with a 4 pixel rgb(105, 214, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 214, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 214, 249);  
box-shadow:4px 4px 4px 4px rgb(105, 214,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9359, 0.2311, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 214, 249) }
```

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

```
.background{ background-color: rgb(105,  
214, 249) }
```

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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