

Converting Colors

$Yxy(50.9949, 0.2349, 0.2649)$

Have a look what the booklet for
Yxy(50.9949, 0.2349, 0.2649)
contains.

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Color

Yxy(50.9949, 0.2349, 0.2649)

Conversions

Conversions Part 1

Format	Color
Hex	7CC5F8
RGB	124, 197, 248
RGB Percent	49%, 77%, 97%
CMY	0.5139, 0.2274, 0.0273
CMYK	0.50, 0.21, 0.00, 0.03
HSL	205°, 90%, 73%
HSV	205°, 50%, 97%
XYZ	45.2197, 50.9949, 96.2916
YIQ	180.9870, -59.8790, 0.3850

Conversions

Conversions Part 2

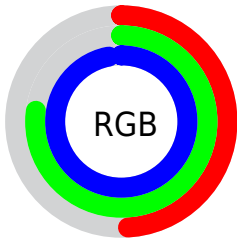
Format	Color
RYB	124, 170, 248
Decimal	8177144
CIELab	76.68, -9.13, -32.19
CIElCh	77, 33.458, 254.157
Yxy	50.9949, 0.2349, 0.2649
Android (android.graphics.Color)	4286367224 (0xFF7CC5F8)
YUV	180.9870, 33.0374, -49.9776
Hunter-Lab	71.4107, -11.9364, -29.9603

Details

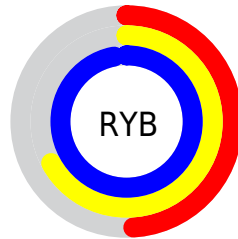
The Yxy color **50.9949, 0.2349, 0.2649** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **52.0668, 0.4247, 0.3834**, and the grayscale version is **46.0393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0487, 0.2710, 0.3278**, and **24.4633, 0.2157, 0.2480** is the 20% darker color. If you saturate the color by 10%, you get **44.8996, 0.2212, 0.2492**, and if you desaturate by 10%, it is **57.8720, 0.2498, 0.2798**.

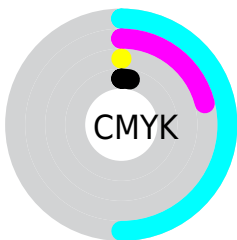
Distribution



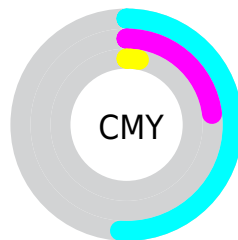
- Red (49%)
- Green (77%)
- Blue (97%)



- Red (49%)
- Yellow (67%)
- Blue (97%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (51%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9949, 0.2349, 0.2649 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 50.9949, 0.2349, 0.2649 by changing the saturation by 10% instead.

50.9949, 0.2349,
0.2649

50.9949, 0.2349,
0.2649

390.5440, 0.2719,
0.2962

36.2045, 0.2263,
0.2574

91.6472, 0.2479,
0.2761

24.5922, 0.2157,
0.2480

118.2780, 0.2529,
0.2803

15.7735, 0.2023,
0.2360

149.6244, 0.2572,
0.2839

9.3640, 0.1849,
0.2200

186.0707, 0.2609,
0.2871

4.9794, 0.1616,
0.1980

228.0015, 0.2641,
0.2898

2.2352, 0.1295,
0.1666

275.8010, 0.2670,

0.7391, 0.0780,

0.2922

0.1202

329.8537, 0.2696,
0.2943

0.0000, 0.0000,
0.0000

50.9949, 0.2349,
0.2649

50.9949, 0.2349,
0.2649

44.8996, 0.2212,
0.2492

57.8720, 0.2498,
0.2798

39.5388, 0.2090,
0.2332

65.5630, 0.2654,
0.2938

34.8672, 0.1988,
0.2170

74.1046, 0.2813,
0.3067

30.8300, 0.1909,
0.2011

83.5295, 0.2971,
0.3184

27.3483, 0.1849,
0.1857

93.8679, 0.3127,
0.3290

99.5593, 0.3167,
0.3357

Harmonies

Analogous

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



50.9949, 0.2303, 0.2918



50.9949, 0.2349, 0.2649



50.9949, 0.2586, 0.2560

Triad

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



50.9949, 0.2349, 0.2649



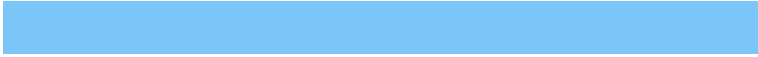
50.9949, 0.3837, 0.3194



50.9949, 0.3224, 0.4062

Complementary

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



50.9949, 0.2349, 0.2649



52.0668, 0.4247, 0.3834

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.



50.9949, 0.3654, 0.4091



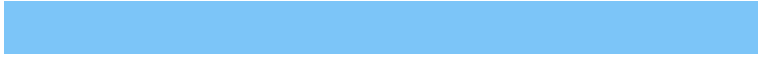
50.9949, 0.2349, 0.2649



50.9949, 0.4028, 0.3558

Square

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



50.9949, 0.2349, 0.2649



50.9949, 0.3440, 0.2869



50.9949, 0.3955, 0.3889



50.9949, 0.2786, 0.3772

Rectangle

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



50.9949, 0.2349, 0.2649



50.9949, 0.2834, 0.2598



50.9949, 0.3955, 0.3889



50.9949, 0.3374, 0.4102

Sweetspot

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



50.9968, 0.2349, 0.2649



83.8252, 0.2892, 0.3127



74.4757, 0.2819, 0.4242



17.4931, 0.2859, 0.3102



0.0000, 0.0000, 0.0000



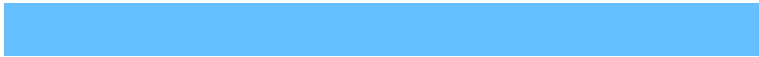
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9968, 0.2349, 0.2649



47.7808, 0.2211, 0.2492



28.7705, 0.2194, 0.1851



18.3418, 0.2980, 0.3190



15.0525, 0.1856, 0.1882



1.6029, 0.1907, 0.2066

Inverse Universe

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



38.3970, 0.3692, 0.2531



34.5722, 0.3862, 0.2405



81.1908, 0.3919, 0.4404



17.3967, 0.3201, 0.3151



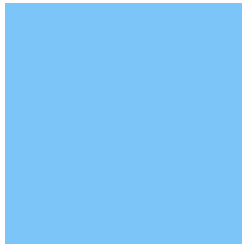
11.9305, 0.4589, 0.2302



1.1260, 0.4378, 0.2186

Previews

White Background



This preview shows how the Yxy color 50.9949, 0.2349, 0.2649 looks on a white background.

Color Contrast Check

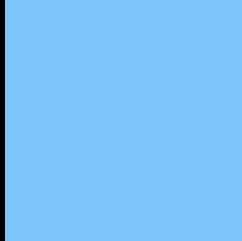
Large Text (above 18pt) WCAG AA × Fail

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 50.9949, 0.2349, 0.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

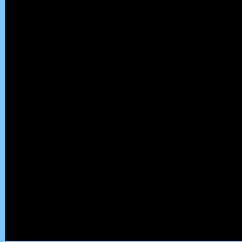
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

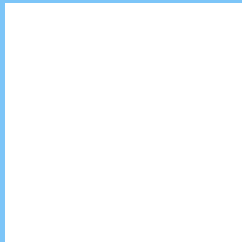
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9949, 0.2349, 0.2649

Background



This preview shows how black text looks on a background with the Yxy color 50.9949, 0.2349, 0.2649.



This preview shows how white text looks on a background with the Yxy color 50.9949, 0.2349, 0.2649.

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

50.9949, 0.2349, 0.2649

Protanopia

50.5230, 0.2668, 0.2645

Deuteranopia

50.4336, 0.2583, 0.2516



Tritanopia

50.9329, 0.2454, 0.3059

Trichromacy



Original Color

50.9949, 0.2349, 0.2649

Protanomaly

50.3659, 0.2534, 0.2642

Deuteranomaly

50.2659, 0.2488, 0.2554

Tritanomaly

50.8733, 0.2413, 0.2895

Monochromacy



Original Color

50.9949, 0.2349, 0.2649

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.4220, 0.2787, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9949, 0.2349, 0.2649 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, 197, 248)` looks like.

```
.text, #text, p{  
    color:rgb(124, 197, 248)  
}
```

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, 197, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 197, 248) }
```

Border

The CSS property to change the border of an element to Yxy 50.9949, 0.2349, 0.2649 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, 197, 248) }
```

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

```
.border{ border-color:rgb(124, 197, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 197, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 197, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 197, 248);  
box-shadow:4px 4px 4px 4px rgb(124, 197,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9949, 0.2349, 0.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 197, 248) }
```

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

```
.background{ background-color: rgb(124,  
197, 248) }
```

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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