

Converting Colors

$Yxy(50.7397, 0.2352, 0.2686)$

Have a look what the booklet for
Yxy(50.7397, 0.2352, 0.2686)
contains.

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Color

Yxy(50.5900, 0.2349, 0.2680)

Conversions

Conversions Part 1

Format	Color
Hex	79C5F5
RGB	121, 197, 245
RGB Percent	47%, 77%, 96%
CMY	0.5253, 0.2275, 0.0391
CMYK	0.51, 0.20, 0.00, 0.04
HSL	203°, 86%, 72%
HSV	203°, 51%, 96%
XYZ	44.3418, 50.5900, 93.8369
YIQ	179.7480, -60.7040, -1.1840

Conversions

Conversions Part 2

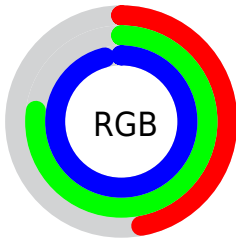
Format	Color
R _Y B	121, 168, 245
Decimal	7980533
CIE Lab	76.43, -10.62, -30.97
CIE LCh	76, 32.735, 251.075
Yxy	50.5900, 0.2349, 0.2680
Android (android.graphics.Color)	4286170613 (0xFF79C5F5)
YUV	179.7480, 32.1692, -51.5220
Hunter-Lab	71.1266, -13.1912, -28.4322

Details

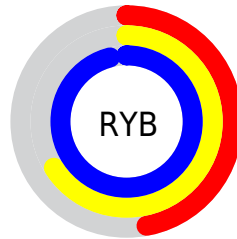
The Yxy color **50.5900, 0.2349, 0.2680** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **49.2117, 0.4281, 0.3808**, and the grayscale version is **45.3567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6873, 0.2695, 0.3278**, and **24.2797, 0.2154, 0.2506** is the 20% darker color. If you saturate the color by 10%, you get **44.8629, 0.2216, 0.2533**, and if you desaturate by 10%, it is **57.0421, 0.2494, 0.2820**.

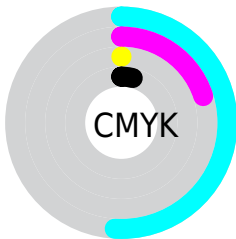
Distribution



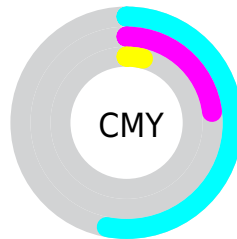
- Red (47%)
- Green (77%)
- Blue (96%)



- Red (47%)
- Yellow (66%)
- Blue (96%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5900, 0.2349, 0.2680 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 50.5900, 0.2349, 0.2680 by changing the saturation by 10% instead.

■ 50.5900, 0.2349,
0.2680

■ 50.5900, 0.2349,
0.2680

■ 388.9687, 0.2719,
0.2980

■ 35.8824, 0.2263,
0.2608

■ 91.0484, 0.2479,
0.2787

■ 24.3434, 0.2156,
0.2517

■ 117.5681, 0.2529,
0.2828

■ 15.5886, 0.2021,
0.2400

■ 148.7939, 0.2572,
0.2863

■ 9.2335, 0.1846,
0.2243

■ 185.1102, 0.2609,
0.2893

■ 4.8938, 0.1610,
0.2027

■ 226.9014, 0.2642,
0.2919

■ 2.1851, 0.1285,
0.1714

■ 274.5520, 0.2671,

■ 0.7118, 0.0729,

0.2942

0.1243

328.4463, 0.2696,
0.2962

0.0000, 0.0000,
0.0000

50.5900, 0.2349,
0.2680

50.5900, 0.2349,
0.2680

44.8629, 0.2216,
0.2533

57.0421, 0.2494,
0.2820

39.8153, 0.2099,
0.2382

64.2494, 0.2648,
0.2952

35.4044, 0.2002,
0.2230

72.2468, 0.2805,
0.3074

31.5773, 0.1926,
0.2080

81.0650, 0.2963,
0.3184

28.4329, 0.1873,
0.1944

90.7329, 0.3118,
0.3284

98.7127, 0.3186,
0.3376

99.3744, 0.3185,
0.3386

Harmonies

Analogous

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



50.5900, 0.2324, 0.2962



50.5900, 0.2349, 0.2680



50.5900, 0.2564, 0.2574

Triad

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



50.5900, 0.2349, 0.2680



50.5900, 0.3790, 0.3160



50.5900, 0.3268, 0.4062

Complementary

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



50.5900, 0.2349, 0.2680



49.2117, 0.4281, 0.3808

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.



50.5900, 0.3683, 0.4064



50.5900, 0.2349, 0.2680



50.5900, 0.4004, 0.3517

Square

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



50.5900, 0.2349, 0.2680



50.5900, 0.3389, 0.2848



50.5900, 0.3959, 0.3849



50.5900, 0.2834, 0.3801

Rectangle

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



50.5900, 0.2349, 0.2680



50.5900, 0.2798, 0.2599



50.5900, 0.3959, 0.3849



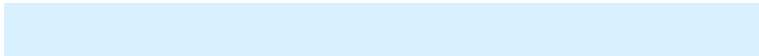
50.5900, 0.3415, 0.4092

Sweetspot

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



50.5919, 0.2349, 0.2680



84.3586, 0.2893, 0.3137



72.2408, 0.2826, 0.4283



17.6217, 0.2859, 0.3113



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.



50.5919, 0.2349, 0.2680



48.8049, 0.2209, 0.2525



28.1373, 0.2188, 0.1859



17.6166, 0.2980, 0.3196



15.5900, 0.1880, 0.1967



1.5693, 0.1931, 0.2151

Inverse Universe

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



37.1375, 0.3668, 0.2495



34.1969, 0.3835, 0.2360



77.7091, 0.3937, 0.4397



16.6531, 0.3198, 0.3146



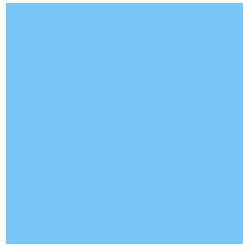
11.6732, 0.4490, 0.2247



1.0461, 0.4286, 0.2135

Previews

White Background



This preview shows how the Yxy color 50.5900, 0.2349, 0.2680 looks on a white background.

Color Contrast Check

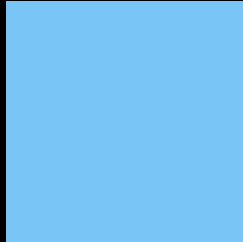
Large Text (above 18pt) WCAG AA × Fail

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 50.5900, 0.2349, 0.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

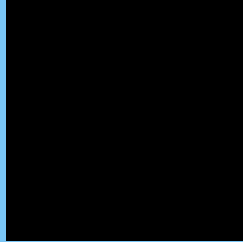
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

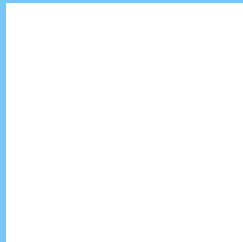
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5900, 0.2349, 0.2680

Background



This preview shows how black text looks on a background with the Yxy color 50.5900, 0.2349, 0.2680.



This preview shows how white text looks on a background with the Yxy color 50.5900, 0.2349, 0.2680.

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

50.5900, 0.2349, 0.2680

Protanopia

50.3462, 0.2687, 0.2677

Deuteranopia

50.3595, 0.2606, 0.2547



Tritanopia

50.7478, 0.2449, 0.3072

Trichromacy



Original Color

50.5900, 0.2349, 0.2680

Protanomaly

50.0867, 0.2544, 0.2674

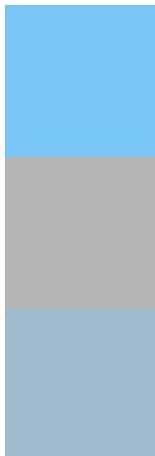
Deuteranomaly

49.9806, 0.2498, 0.2584

Tritanomaly

50.5548, 0.2409, 0.2918

Monochromacy



Original Color

50.5900, 0.2349, 0.2680

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.8484, 0.2785, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5900, 0.2349, 0.2680 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(121, 197, 245)` looks like.

```
.text, #text, p{  
    color:rgb(121, 197, 245)  
}
```

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(121, 197, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 197, 245) }
```

Border

The CSS property to change the border of an element to Yxy 50.5900, 0.2349, 0.2680 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(121, 197, 245) }
```

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

```
.border{ border-color:rgb(121, 197, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 197, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 197, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 197, 245);  
box-shadow:4px 4px 4px 4px rgb(121, 197,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5900, 0.2349, 0.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 197, 245) }
```

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

```
.background{ background-color: rgb(121,  
197, 245) }
```

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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