

Converting Colors

Yxy(52.8149, 0.2305, 0.2653)

Have a look what the booklet for
Yxy(52.8149, 0.2305, 0.2653)
contains.

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Color

Yxy(53.0459, 0.2304, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	74CAFD
RGB	116, 202, 253
RGB Percent	45%, 79%, 99%
CMY	0.5454, 0.2078, 0.0077
CMYK	0.54, 0.20, 0.00, 0.01
HSL	202°, 97%, 72%
HSV	202°, 54%, 99%
XYZ	46.0504, 53.0459, 100.7752
YIQ	182.1000, -67.6270, -2.3710

Conversions

Conversions Part 2

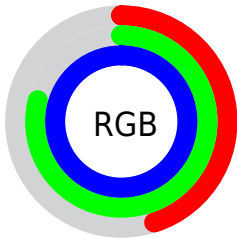
Format	Color
RYB	116, 169, 253
Decimal	7654141
CIELab	77.90, -12.04, -33.01
CIELCh	78, 35.136, 249.954
Yxy	53.0459, 0.2304, 0.2654
Android (android.graphics.Color)	4285844221 (0xFF74CAFD)
YUV	182.1000, 34.9537, -57.9697
Hunter-Lab	72.8326, -14.5956, -31.0541

Details

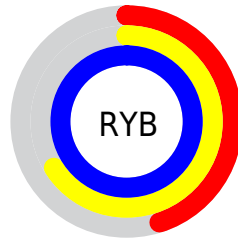
The Yxy color **53.0459, 0.2304, 0.2654** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **49.7746, 0.4410, 0.3819**, and the grayscale version is **46.6632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **25.8434, 0.2107, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **47.2587, 0.2178, 0.2511**, and if you desaturate by 10%, it is **59.5788, 0.2444, 0.2791**.

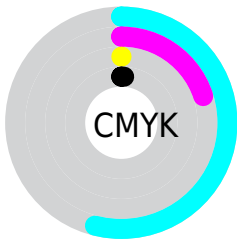
Distribution



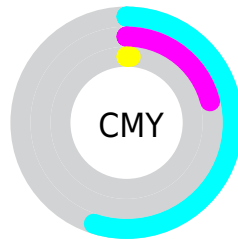
- Red (45%)
- Green (79%)
- Blue (99%)



- Red (45%)
- Yellow (66%)
- Blue (99%)



- Cyan (54%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (55%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0459, 0.2304, 0.2654 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 53.0459, 0.2304, 0.2654 by changing the saturation by 10% instead.

■ 53.0459, 0.2304,
0.2654

■ 53.0459, 0.2304,
0.2654

■ 398.4612, 0.2691,
0.2964

■ 37.8394, 0.2215,
0.2580

■ 94.6719, 0.2439,
0.2764

■ 25.8581, 0.2106,
0.2488

■ 121.8602, 0.2491,
0.2807

■ 16.7175, 0.1969,
0.2369

■ 153.8113, 0.2536,
0.2843

■ 10.0333, 0.1792,
0.2212

■ 190.9094, 0.2575,
0.2874

■ 5.4210, 0.1559,
0.1998

■ 233.5391, 0.2610,
0.2901

■ 2.4964, 0.1243,
0.1693

■ 282.0847, 0.2640,

■ 0.8748, 0.0770,

0.2925

0.1254

336.9306, 0.2667,
0.2946

0.0000, 0.0000,
0.0000

53.0459, 0.2304,
0.2654

53.0459, 0.2304,
0.2654

47.2587, 0.2178,
0.2511

59.5788, 0.2444,
0.2791

42.1672, 0.2071,
0.2366

66.8912, 0.2593,
0.2921

37.7228, 0.1984,
0.2220

75.0212, 0.2749,
0.3041

33.8646, 0.1918,
0.2078

84.0022, 0.2906,
0.3151

31.8422, 0.1888,
0.1997

93.8656, 0.3063,
0.3251

99.8746, 0.3138,
0.3309

Harmonies

Analogous

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



53.0459, 0.2285, 0.2955



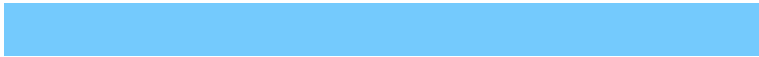
53.0459, 0.2304, 0.2654



53.0459, 0.2522, 0.2538

Triad

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



53.0459, 0.2304, 0.2654



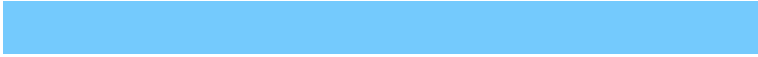
53.0459, 0.3815, 0.3138



53.0459, 0.3292, 0.4114

Complementary

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



53.0459, 0.2304, 0.2654



49.7746, 0.4410, 0.3819

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.



53.0459, 0.3726, 0.4102



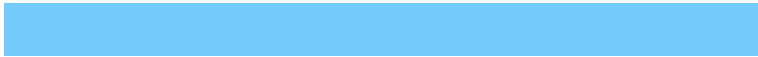
53.0459, 0.2304, 0.2654



53.0459, 0.4050, 0.3512

Square

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



53.0459, 0.2304, 0.2654



53.0459, 0.3385, 0.2815



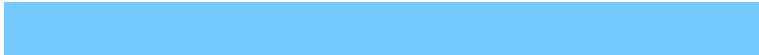
53.0459, 0.4011, 0.3865



53.0459, 0.2832, 0.3846

Rectangle

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



53.0459, 0.2304, 0.2654



53.0459, 0.2764, 0.2561



53.0459, 0.4011, 0.3865



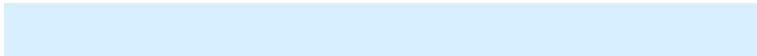
53.0459, 0.3446, 0.4141

Sweetspot

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



53.0478, 0.2304, 0.2654



83.7569, 0.2877, 0.3132



76.7467, 0.2823, 0.4401



17.5162, 0.2845, 0.3110



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.



53.0478, 0.2304, 0.2654



47.6318, 0.2169, 0.2499



27.9116, 0.2119, 0.1767



19.2783, 0.2979, 0.3199



17.2212, 0.1894, 0.2019



1.8864, 0.1939, 0.2180

Inverse Universe

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



37.6301, 0.3701, 0.2425



32.3104, 0.3870, 0.2295



81.4301, 0.4004, 0.4447



18.1790, 0.3195, 0.3142



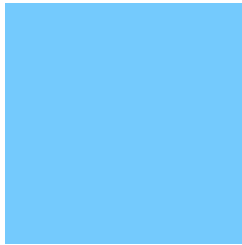
12.4665, 0.4431, 0.2215



1.2350, 0.4254, 0.2117

Previews

White Background



This preview shows how the Yxy color 53.0459, 0.2304, 0.2654 looks on a white background.

Color Contrast Check

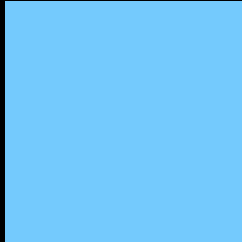
Large Text (above 18pt) WCAG AA × Fail

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 53.0459, 0.2304, 0.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

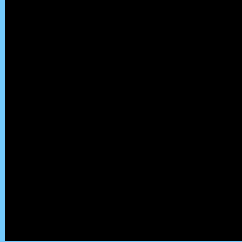
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

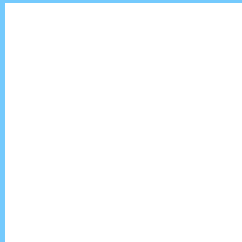
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0459, 0.2304, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 53.0459, 0.2304, 0.2654.

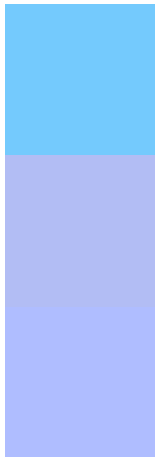


This preview shows how white text looks on a background with the Yxy color 53.0459, 0.2304, 0.2654.

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

53.0459, 0.2304, 0.2654

Protanopia

52.3918, 0.2668, 0.2643

Deuteranopia

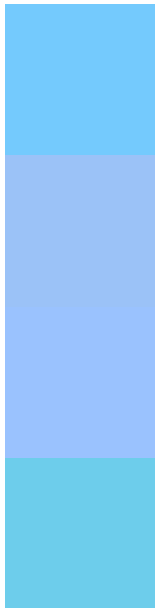
52.7292, 0.2585, 0.2528



Tritanopia

53.0107, 0.2402, 0.3061

Trichromacy



Original Color

53.0459, 0.2304, 0.2654

Protanomaly

52.2675, 0.2513, 0.2649

Deuteranomaly

52.6094, 0.2471, 0.2574

Tritanomaly

52.9120, 0.2362, 0.2898

Monochromacy



Original Color

53.0459, 0.2304, 0.2654

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.2184, 0.2755, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0459, 0.2304, 0.2654 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(116, 202, 253)` looks like.

```
.text, #text, p{  
    color:rgb(116, 202, 253)  
}
```

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(116, 202, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 202, 253) }
```

Border

The CSS property to change the border of an element to Yxy 53.0459, 0.2304, 0.2654 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(116, 202, 253) }
```

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

```
.border{ border-color:rgb(116, 202, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 202, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 202, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 202, 253);  
box-shadow:4px 4px 4px 4px rgb(116, 202,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0459, 0.2304, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 202, 253) }
```

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

```
.background{ background-color: rgb(116,  
202, 253) }
```

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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