

Converting Colors

Yxy(43.4606, 0.2323, 0.2424)

Have a look what the booklet for
Yxy(43.4606, 0.2323, 0.2424)
contains.

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Color

Yxy(43.4676, 0.2323, 0.2424)

Conversions

Conversions Part 1

Format	Color
Hex	7FB3F7
RGB	127, 179, 247
RGB Percent	50%, 70%, 97%
CMY	0.5021, 0.2980, 0.0313
CMYK	0.49, 0.28, 0.00, 0.03
HSL	214°, 88%, 73%
HSV	214°, 49%, 97%
XYZ	41.6564, 43.4676, 94.1977
YIQ	171.2040, -52.8200, 10.1240

Conversions

Conversions Part 2

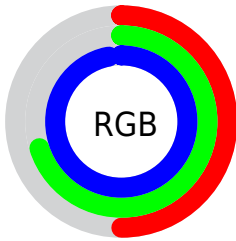
Format	Color
R _Y B	127, 163, 247
Decimal	8369143
CIE Lab	71.87, 1.04, -39.07
CIE LCh	72, 39.083, 271.527
Yxy	43.4676, 0.2323, 0.2424
Android (android.graphics.Color)	4286559223 (0xFF7FB3F7)
YUV	171.2040, 37.3674, -38.7669
Hunter-Lab	65.9300, -2.5960, -38.5599

Details

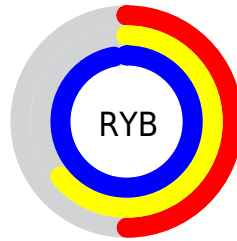
The Yxy color **43.4676, 0.2323, 0.2424** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.3164, 0.4100, 0.4009**, and the grayscale version is **40.6574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9509, 0.2704, 0.3071**, and **20.1254, 0.2118, 0.2212** is the 20% darker color. If you saturate the color by 10%, you get **36.4733, 0.2162, 0.2205**, and if you desaturate by 10%, it is **51.4989, 0.2492, 0.2633**.

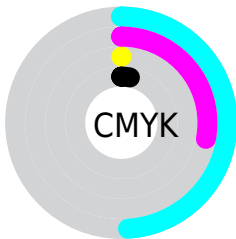
Distribution



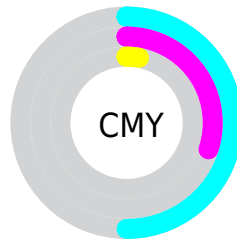
- Red (50%)
- Green (70%)
- Blue (97%)



- Red (50%)
- Yellow (64%)
- Blue (97%)



- Cyan (49%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)



- Cyan (50%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4676, 0.2323, 0.2424 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 43.4676, 0.2323, 0.2424 by changing the saturation by 10% instead.

■ 43.4676, 0.2323,
0.2424

■ 43.4676, 0.2323,
0.2424

360.5313, 0.2715,
0.2845

■ 30.2522, 0.2230,
0.2324

■ 80.4160, 0.2462,
0.2573

■ 20.0301, 0.2114,
0.2200

■ 104.9178, 0.2516,
0.2630

■ 12.4169, 0.1966,
0.2042

■ 133.9505, 0.2561,
0.2679

■ 7.0283, 0.1771,
0.1836

167.8984, 0.2600,
0.2722

■ 3.4798, 0.1510,
0.1559

207.1461, 0.2635,
0.2759

■ 1.3871, 0.1152,
0.1181

252.0779, 0.2665,

■ 0.2072, 0.0438,

0.2791

0.0408

303.0781, 0.2692,
0.2820

0.0000, 0.0000,
0.0000

43.4676, 0.2323,
0.2424

43.4676, 0.2323,
0.2424

36.4733, 0.2162,
0.2205

51.4989, 0.2492,
0.2633

30.4598, 0.2015,
0.1982

60.6096, 0.2663,
0.2827

25.3714, 0.1888,
0.1761

70.8452, 0.2831,
0.3005

21.1431, 0.1787,
0.1551

82.2471, 0.2994,
0.3166

17.6880, 0.1713,
0.1358

94.8539, 0.3148,
0.3309

■ 17.2533, 0.1704,
0.1332

■ 99.4960, 0.3173,
0.3366

Harmonies

Analogous

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



43.4676, 0.2135, 0.2613



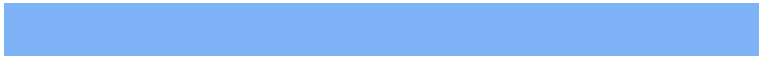
43.4676, 0.2323, 0.2424



43.4676, 0.2721, 0.2445

Triad

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



43.4676, 0.2323, 0.2424



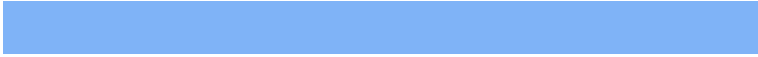
43.4676, 0.4179, 0.3414



43.4676, 0.2918, 0.4083

Complementary

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



43.4676, 0.2323, 0.2424



60.3164, 0.4100, 0.4009

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.



43.4676, 0.3466, 0.4307



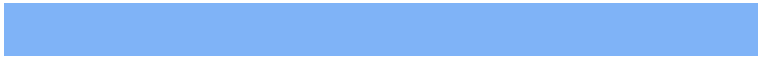
43.4676, 0.2323, 0.2424



43.4676, 0.4220, 0.3844

Square

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



43.4676, 0.2323, 0.2424



43.4676, 0.3817, 0.2992



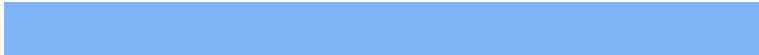
43.4676, 0.3948, 0.4188



43.4676, 0.2451, 0.3575

Rectangle

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



43.4676, 0.2323, 0.2424



43.4676, 0.3075, 0.2563



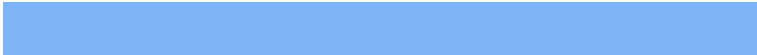
43.4676, 0.3948, 0.4188



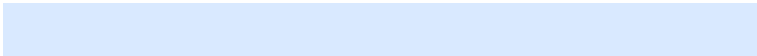
43.4676, 0.3099, 0.4197

Sweetspot

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



43.4692, 0.2323, 0.2424



80.4013, 0.2890, 0.3065



74.8859, 0.2736, 0.3969



16.6695, 0.2855, 0.3030



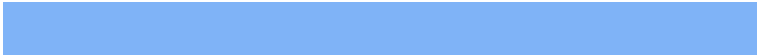
0.0000, 0.0000, 0.0000



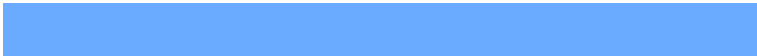
21.4041, 0.3127, 0.3290

Same Dimension

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



43.4692, 0.2323, 0.2424



39.5649, 0.2170, 0.2217



26.8660, 0.2235, 0.1764



17.1087, 0.2980, 0.3152



9.3942, 0.1712, 0.1363



1.0260, 0.1779, 0.1605

Inverse Universe

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



38.1980, 0.3878, 0.2739



34.7453, 0.4109, 0.2650



86.7610, 0.3800, 0.4494



16.6018, 0.3225, 0.3188



11.0477, 0.5241, 0.2661



0.9912, 0.4924, 0.2486

Previews

White Background



This preview shows how the Yxy color 43.4676, 0.2323, 0.2424 looks on a white background.

Color Contrast Check

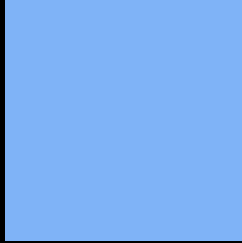
Large Text (above 18pt) WCAG AA × Fail

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 43.4676, 0.2323, 0.2424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

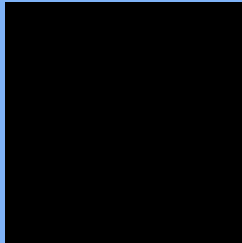
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

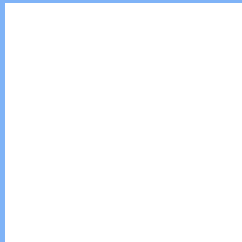
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4676, 0.2323, 0.2424

Background



This preview shows how black text looks on a background with the Yxy color 43.4676, 0.2323, 0.2424.



This preview shows how white text looks on a background with the Yxy color 43.4676, 0.2323, 0.2424.

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

43.4676, 0.2323, 0.2424

Protanopia

43.2665, 0.2503, 0.2434

Deuteranopia

43.4390, 0.2433, 0.2377



Tritanopia

43.3156, 0.2500, 0.3073

Trichromacy



Original Color

43.4676, 0.2323, 0.2424

Protanomaly

43.2113, 0.2432, 0.2425

Deuteranomaly

43.4907, 0.2389, 0.2392

Tritanomaly

43.1945, 0.2433, 0.2820

Monochromacy



Original Color

43.4676, 0.2323, 0.2424

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3642, 0.2777, 0.2948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4676, 0.2323, 0.2424 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(127, 179, 247)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 247)  
}
```

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(127, 179, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 247) }
```

Border

The CSS property to change the border of an element to Yxy 43.4676, 0.2323, 0.2424 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(127, 179, 247) }
```

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

```
.border{ border-color:rgb(127, 179, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 179, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 179, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 179, 247);  
box-shadow:4px 4px 4px 4px rgb(127, 179,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4676, 0.2323, 0.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 247) }
```

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

```
.background{ background-color: rgb(127,  
179, 247) }
```

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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