

Converting Colors

Yxy(43.6676, 0.2380, 0.2442)

Have a look what the booklet for
Yxy(43.6676, 0.2380, 0.2442)
contains.

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Color

Yxy(43.6676, 0.2380, 0.2442)

Conversions

Conversions Part 1

Format	Color
Hex	88B2F5
RGB	136, 178, 245
RGB Percent	53%, 70%, 96%
CMY	0.4666, 0.3020, 0.0391
CMYK	0.44, 0.27, 0.00, 0.04
HSL	217°, 85%, 75%
HSV	217°, 44%, 96%
XYZ	42.5589, 43.6676, 92.5925
YIQ	173.0800, -46.5390, 11.9330

Conversions

Conversions Part 2

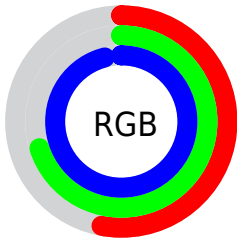
Format	Color
R _Y B	136, 166, 245
Decimal	8958709
CIE Lab	72.01, 3.18, -37.75
CIE LCh	72, 37.882, 274.823
Yxy	43.6676, 0.2380, 0.2442
Android (android.graphics.Color)	4287148789 (0xFF88B2F5)
YUV	173.0800, 35.4566, -32.5192
Hunter-Lab	66.0815, -0.6819, -36.8193

Details

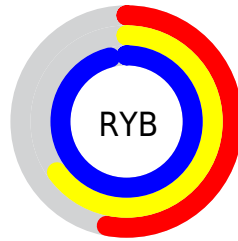
The Yxy color **43.6676, 0.2380, 0.2442** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.9254, 0.3975, 0.4003**, and the grayscale version is **41.6678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4031, 0.2748, 0.3062**, and **20.2148, 0.2186, 0.2236** is the 20% darker color. If you saturate the color by 10%, you get **36.1771, 0.2209, 0.2208**, and if you desaturate by 10%, it is **52.2887, 0.2556, 0.2664**.

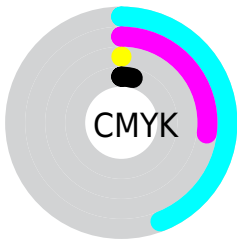
Distribution



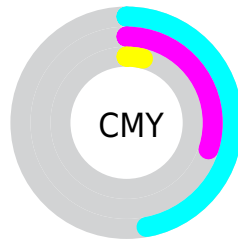
- Red (53%)
- Green (70%)
- Blue (96%)



- Red (53%)
- Yellow (65%)
- Blue (96%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6676, 0.2380, 0.2442 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 43.6676, 0.2380, 0.2442 by changing the saturation by 10% instead.

■ 43.6676, 0.2380,
0.2442

■ 43.6676, 0.2380,
0.2442

361.3501, 0.2746,
0.2854

■ 30.4093, 0.2293,
0.2345

■ 80.7173, 0.2510,
0.2588

■ 20.1494, 0.2183,
0.2224

■ 105.2775, 0.2560,
0.2644

■ 12.5037, 0.2043,
0.2069

■ 134.3738, 0.2603,
0.2691

■ 7.0877, 0.1858,
0.1867

168.3905, 0.2639,
0.2733

■ 3.5170, 0.1606,
0.1595

207.7121, 0.2671,
0.2769

■ 1.4072, 0.1255,
0.1221

252.7230, 0.2699,

■ 0.2220, 0.0584,

0.2800

0.0449

303.8075, 0.2724,
0.2828

0.0000, 0.0000,
0.0000

43.6676, 0.2380,
0.2442

43.6676, 0.2380,
0.2442

36.1771, 0.2209,
0.2208

52.2887, 0.2556,
0.2664

29.7588, 0.2048,
0.1967

62.0850, 0.2730,
0.2868

24.3554, 0.1906,
0.1728

73.1044, 0.2898,
0.3055

19.9011, 0.1789,
0.1500

85.3905, 0.3058,
0.3221

16.3187, 0.1702,
0.1293

98.3102, 0.3186,
0.3370

■ 14.6660, 0.1664,
0.1189

■ 99.3742, 0.3185,
0.3386

Harmonies

Analogous

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



43.6676, 0.2173, 0.2604



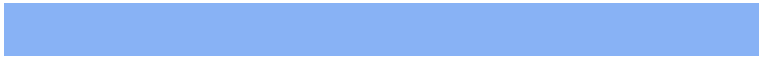
43.6676, 0.2380, 0.2442



43.6676, 0.2787, 0.2483

Triad

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



43.6676, 0.2380, 0.2442



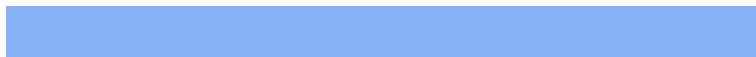
43.6676, 0.4165, 0.3460



43.6676, 0.2870, 0.4012

Complementary

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



43.6676, 0.2380, 0.2442



63.9254, 0.3975, 0.4003

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.



43.6676, 0.3400, 0.4266



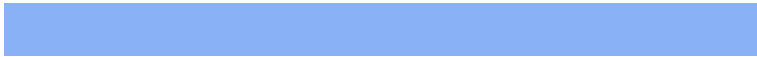
43.6676, 0.2380, 0.2442



43.6676, 0.4171, 0.3873

Square

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



43.6676, 0.2380, 0.2442



43.6676, 0.3846, 0.3044



43.6676, 0.3880, 0.4187



43.6676, 0.2433, 0.3505

Rectangle

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



43.6676, 0.2380, 0.2442



43.6676, 0.3138, 0.2609



43.6676, 0.3880, 0.4187



43.6676, 0.3043, 0.4133

Sweetspot

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



43.6692, 0.2380, 0.2442



81.9239, 0.2922, 0.3080



74.7930, 0.2734, 0.3829



16.9291, 0.2886, 0.3041



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.



43.6692, 0.2380, 0.2442



40.6706, 0.2232, 0.2241



30.4002, 0.2361, 0.1924



16.9732, 0.2980, 0.3140



8.1471, 0.1672, 0.1219



0.9087, 0.1741, 0.1467

Inverse Universe

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



40.2427, 0.3845, 0.2839



37.6317, 0.4062, 0.2760



84.6125, 0.3710, 0.4417



16.5882, 0.3233, 0.3199



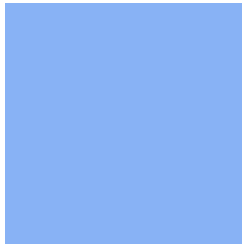
10.9218, 0.5440, 0.2770



0.9794, 0.5103, 0.2585

Previews

White Background



This preview shows how the Yxy color 43.6676, 0.2380, 0.2442 looks on a white background.

Color Contrast Check

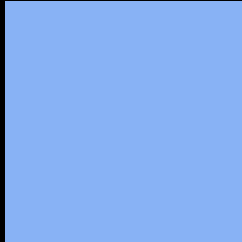
Large Text (above 18pt) WCAG AA × Fail

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 43.6676, 0.2380, 0.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

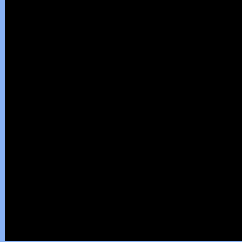
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

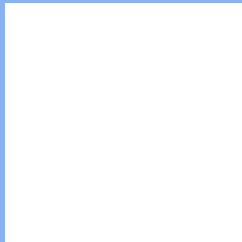
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6676, 0.2380, 0.2442

Background



This preview shows how black text looks on a background with the Yxy color 43.6676, 0.2380, 0.2442.



This preview shows how white text looks on a background with the Yxy color 43.6676, 0.2380, 0.2442.

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

43.6676, 0.2380, 0.2442

Protanopia

43.7508, 0.2511, 0.2448

Deuteranopia

43.6013, 0.2463, 0.2401



Tritanopia

43.6199, 0.2568, 0.3076

Trichromacy



Original Color

43.6676, 0.2380, 0.2442

Protanomaly

43.5206, 0.2462, 0.2441

Deuteranomaly

43.4248, 0.2428, 0.2406

Tritanomaly

43.4659, 0.2494, 0.2825

Monochromacy



Original Color

43.6676, 0.2380, 0.2442

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.2570, 0.2817, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6676, 0.2380, 0.2442 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(136, 178, 245)` looks like.

```
.text, #text, p{  
    color:rgb(136, 178, 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(136, 178, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 178, 245) }
```

Border

The CSS property to change the border of an element to Yxy 43.6676, 0.2380, 0.2442 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(136, 178, 245) }
```

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

```
.border{ border-color:rgb(136, 178, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 178, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 178, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 178, 245);  
box-shadow:4px 4px 4px 4px rgb(136, 178,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6676, 0.2380, 0.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 178, 245) }
```

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

```
.background{ background-color: rgb(136,  
178, 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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