

Converting Colors

$Yxy(43.3836, 0.2331, 0.2548)$

Have a look what the booklet for
Yxy(43.3836, 0.2331, 0.2548)
contains.

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Color

Yxy(43.5509, 0.2332, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	77B6EE
RGB	119, 182, 238
RGB Percent	47%, 71%, 93%
CMY	0.5335, 0.2862, 0.0666
CMYK	0.50, 0.24, 0.00, 0.07
HSL	208°, 78%, 70%
HSV	208°, 50%, 93%
XYZ	39.7653, 43.5509, 87.2041
YIQ	169.5470, -55.5240, 4.0600

Conversions

Conversions Part 2

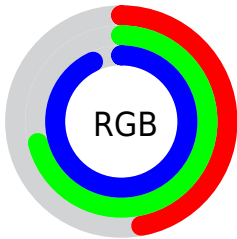
Format	Color
R _Y B	119, 160, 238
Decimal	7845614
CIE Lab	71.93, -5.04, -34.13
CIE LCh	72, 34.504, 261.606
Yxy	43.5509, 0.2332, 0.2554
Android (android.graphics.Color)	4286035694 (0xFF77B6EE)
YUV	169.5470, 33.7473, -44.3297
Hunter-Lab	65.9931, -7.9295, -32.1514

Details

The Yxy color **43.5509, 0.2332, 0.2554** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.1571, 0.4200, 0.3908**, and the grayscale version is **39.8090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7162, 0.2664, 0.3102**, and **20.0077, 0.2122, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **37.6701, 0.2186, 0.2374**, and if you desaturate by 10%, it is **50.2231, 0.2488, 0.2726**.

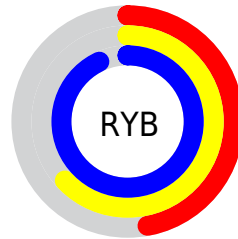
Distribution



Red (47%)

Green (71%)

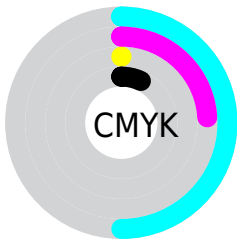
Blue (93%)



Red (47%)

Yellow (63%)

Blue (93%)

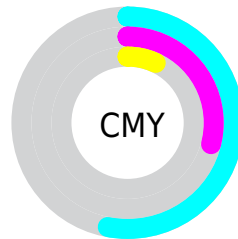


Cyan (50%)

Magenta (24%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (29%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5509, 0.2332, 0.2554 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 43.5509, 0.2332, 0.2554 by changing the saturation by 10% instead.

■ 43.5509, 0.2332,
0.2554

■ 43.5509, 0.2332,
0.2554

■ 360.8725, 0.2720,
0.2919

■ 30.3176, 0.2240,
0.2466

■ 80.5415, 0.2470,
0.2685

■ 20.0798, 0.2124,
0.2354

■ 105.0676, 0.2523,
0.2735

■ 12.4530, 0.1976,
0.2210

■ 134.1268, 0.2568,
0.2777

■ 7.0530, 0.1781,
0.2018

■ 168.1035, 0.2606,
0.2813

■ 3.4953, 0.1517,
0.1753

■ 207.3820, 0.2640,
0.2845

■ 1.3954, 0.1150,
0.1376

■ 252.3467, 0.2670,

■ 0.2134, 0.0198,

0.2872

0.0528

303.3821, 0.2696,
0.2897

0.0000, 0.0000,
0.0000

43.5509, 0.2332,
0.2554

43.5509, 0.2332,
0.2554

37.6701, 0.2186,
0.2374

50.2231, 0.2488,
0.2726

32.5354, 0.2056,
0.2189

57.7190, 0.2649,
0.2887

28.1027, 0.1945,
0.2003


66.0745, 0.2812,
0.3035

24.3193, 0.1858,
0.1823

75.3213, 0.2972,
0.3169

21.1059, 0.1792,
0.1652

85.4898, 0.3127,
0.3290

 95.3009, 0.3231,
0.3398

 98.9535, 0.3226,
0.3454

Harmonies

Analogous

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



43.5509, 0.2230, 0.2793



43.5509, 0.2332, 0.2554



43.5509, 0.2633, 0.2509

Triad

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



43.5509, 0.2332, 0.2554



43.5509, 0.3976, 0.3278



43.5509, 0.3106, 0.4081

Complementary

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



43.5509, 0.2332, 0.2554



50.1571, 0.4200, 0.3908

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.



43.5509, 0.3588, 0.4181



43.5509, 0.2332, 0.2554



43.5509, 0.4114, 0.3670

Square

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



43.5509, 0.2332, 0.2554



43.5509, 0.3587, 0.2914



43.5509, 0.3963, 0.4007



43.5509, 0.2652, 0.3704

Rectangle

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



43.5509, 0.2332, 0.2554



43.5509, 0.2923, 0.2579



43.5509, 0.3963, 0.4007



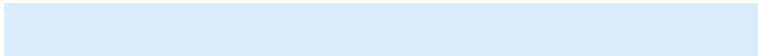
43.5509, 0.3270, 0.4149

Sweetspot

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



43.5525, 0.2332, 0.2554



82.5053, 0.2892, 0.3103



68.1495, 0.2779, 0.4129



17.1751, 0.2858, 0.3075



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.



43.5525, 0.2332, 0.2554



43.9218, 0.2183, 0.2370



24.2435, 0.2177, 0.1752



16.6146, 0.2980, 0.3176



12.0357, 0.1800, 0.1678



1.2004, 0.1863, 0.1906

Inverse Universe

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



34.7424, 0.3772, 0.2605



34.1827, 0.3974, 0.2490



78.3777, 0.3879, 0.4469



15.8988, 0.3210, 0.3166



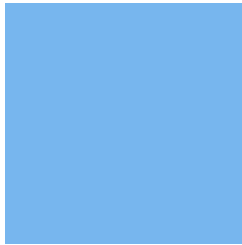
11.0084, 0.4833, 0.2436



0.9359, 0.4560, 0.2286

Previews

White Background



This preview shows how the Yxy color 43.5509, 0.2332, 0.2554 looks on a white background.

Color Contrast Check

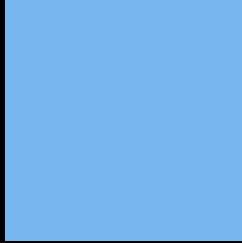
Large Text (above 18pt) WCAG AA × Fail

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 43.5509, 0.2332, 0.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

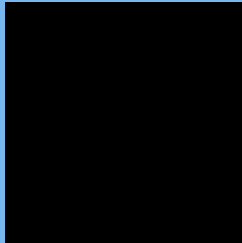
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

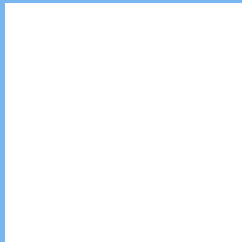
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5509, 0.2332, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 43.5509, 0.2332, 0.2554.

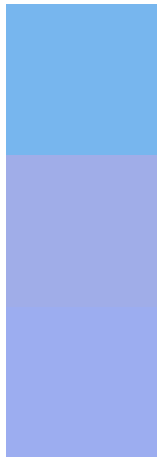


This preview shows how white text looks on a background with the Yxy color 43.5509, 0.2332, 0.2554.

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

43.5509, 0.2332, 0.2554

Protanopia

43.1869, 0.2595, 0.2547

Deuteranopia

43.2463, 0.2521, 0.2456



Tritanopia

43.4664, 0.2470, 0.3073

Trichromacy



Original Color

43.5509, 0.2332, 0.2554

Protanomaly

43.0109, 0.2489, 0.2545

Deuteranomaly

43.1223, 0.2448, 0.2488

Tritanomaly

43.5204, 0.2417, 0.2871

Monochromacy



Original Color

43.5509, 0.2332, 0.2554

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.7915, 0.2775, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5509, 0.2332, 0.2554 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(119, 182, 238)` looks like.

```
.text, #text, p{  
    color:rgb(119, 182, 238)  
}
```

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(119, 182, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 182, 238) }
```

Border

The CSS property to change the border of an element to Yxy 43.5509, 0.2332, 0.2554 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(119, 182, 238) }
```

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

```
.border{ border-color:rgb(119, 182, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 182, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 182, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 182, 238); box-shadow:4px 4px 4px 4px rgb(119, 182, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5509, 0.2332, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 182, 238) }
```

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

```
.background{ background-color: rgb(119,  
182, 238) }
```

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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