

Converting Colors

$Yxy(39.3474, 0.2355, 0.2376)$

Have a look what the booklet for
Yxy(39.3474, 0.2355, 0.2376)
contains.

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Color

Yxy(39.3538, 0.2354, 0.2377)

Conversions

Conversions Part 1

Format	Color
Hex	82A9EF
RGB	130, 169, 239
RGB Percent	51%, 66%, 94%
CMY	0.4904, 0.3372, 0.0626
CMYK	0.46, 0.29, 0.00, 0.06
HSL	219°, 77%, 72%
HSV	219°, 46%, 94%
XYZ	38.9730, 39.3538, 87.2340
YIQ	165.3190, -45.7140, 13.5020

Conversions

Conversions Part 2

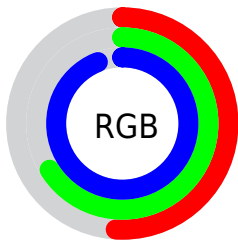
Format	Color
RYB	130, 159, 239
Decimal	8563183
CIELab	69.01, 5.05, -39.19
CIElCh	69, 39.515, 277.344
Yxy	39.3538, 0.2354, 0.2377
Android (android.graphics.Color)	4286753263 (0xFF82A9EF)
YUV	165.3190, 36.3247, -30.9748
Hunter-Lab	62.7326, 1.1121, -38.5340

Details

The Yxy color $39.3538, 0.2354, 0.2377$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $61.2720, 0.3984, 0.4049$, and the grayscale version is $37.6239, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.0961, 0.2703, 0.2948$, and $17.5579, 0.2141, 0.2129$ is the 20% darker color. If you saturate the color by 10%, you get $32.3009, 0.2180, 0.2132$, and if you desaturate by 10%, it is $47.5188, 0.2532, 0.2610$.

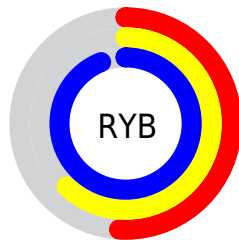
Distribution



Red (51%)

Green (66%)

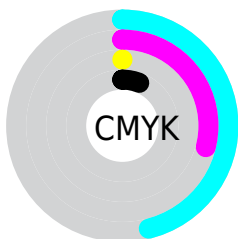
Blue (94%)



Red (51%)

Yellow (62%)

Blue (94%)

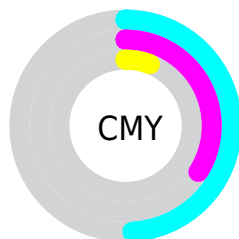


Cyan (46%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (49%)

Magenta (34%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3538, 0.2354, 0.2377 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 39.3538, 0.2354, 0.2377 by changing the saturation by 10% instead.

■ 39.3538, 0.2354,
0.2377

■ 39.3538, 0.2354,
0.2377

■ 343.3924, 0.2739,
0.2825

■ 27.0351, 0.2261,
0.2270

■ 74.1785, 0.2492,
0.2536

■ 17.5996, 0.2143,
0.2137

■ 97.4532, 0.2545,
0.2597

■ 10.6629, 0.1991,
0.1966

■ 125.1488, 0.2589,
0.2649

■ 5.8406, 0.1789,
0.1743

■ 157.6495, 0.2628,
0.2694

■ 2.7484, 0.1513,
0.1442

■ 195.3399, 0.2661,
0.2733

■ 1.0018, 0.1128,
0.1035

■ 238.6042, 0.2690,

■ 0.0000, 0.0050,

0.2767

0.0000

287.8269, 0.2716,
0.2798

0.0000, 0.0000,
0.0000

39.3538, 0.2354,
0.2377

39.3538, 0.2354,
0.2377

32.3009, 0.2180,
0.2132

47.5188, 0.2532,
0.2610

26.3019, 0.2018,
0.1881

56.8413, 0.2709,
0.2826

21.2989, 0.1875,
0.1635

67.3695, 0.2879,
0.3023

17.2254, 0.1759,
0.1404

79.1471, 0.3041,
0.3199

14.0035, 0.1673,
0.1198

92.2155, 0.3192,
0.3356

■ 12.8221, 0.1644,
0.1116

■ 99.0144, 0.3220,
0.3444

Harmonies

Analogous

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



39.3538, 0.2115, 0.2527



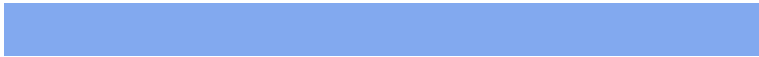
39.3538, 0.2354, 0.2377



39.3538, 0.2804, 0.2439

Triad

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



39.3538, 0.2354, 0.2377



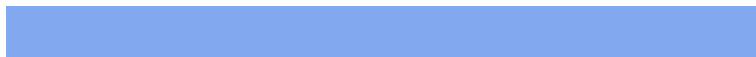
39.3538, 0.4263, 0.3504



39.3538, 0.2801, 0.4036

Complementary

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



39.3538, 0.2354, 0.2377



61.2720, 0.3984, 0.4049

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.



39.3538, 0.3368, 0.4340



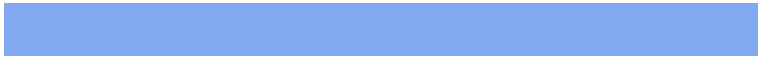
39.3538, 0.2354, 0.2377



39.3538, 0.4236, 0.3944

Square

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



39.3538, 0.2354, 0.2377



39.3538, 0.3943, 0.3059



39.3538, 0.3896, 0.4274



39.3538, 0.2349, 0.3469

Rectangle

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



39.3538, 0.2354, 0.2377



39.3538, 0.3187, 0.2584



39.3538, 0.3896, 0.4274



39.3538, 0.2984, 0.4178

Sweetspot

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



39.3552, 0.2354, 0.2377



80.0850, 0.2906, 0.3052



70.6246, 0.2708, 0.3796



16.5399, 0.2870, 0.3012



0.0000, 0.0000, 0.0000



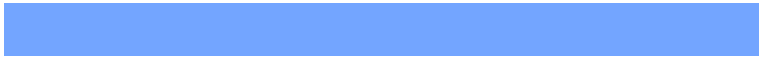
21.4041, 0.3127, 0.3290

Same Dimension

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



39.3552, 0.2354, 0.2377



37.7430, 0.2188, 0.2143



28.1624, 0.2366, 0.1895



16.1548, 0.2980, 0.3134



7.3085, 0.1652, 0.1145



0.7898, 0.1724, 0.1407

Inverse Universe

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



37.1762, 0.3905, 0.2860



36.1796, 0.4163, 0.2783



79.2939, 0.3696, 0.4454



15.8523, 0.3237, 0.3206



10.5311, 0.5545, 0.2828



0.8944, 0.5182, 0.2628

Previews

White Background



This preview shows how the Yxy color 39.3538, 0.2354, 0.2377 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 39.3538, 0.2354, 0.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

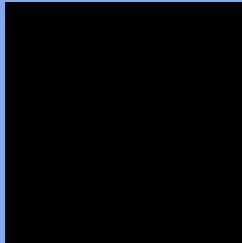
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

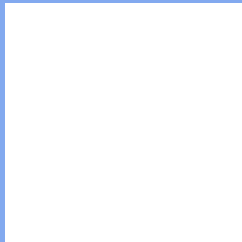
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3538, 0.2354, 0.2377

Background



This preview shows how black text looks on a background with the Yxy color 39.3538, 0.2354, 0.2377.



This preview shows how white text looks on a background with the Yxy color 39.3538, 0.2354, 0.2377.

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

39.3538, 0.2354, 0.2377

Protanopia

39.0774, 0.2462, 0.2378

Deuteranopia

39.2264, 0.2409, 0.2342



Tritanopia

39.3596, 0.2555, 0.3081

Trichromacy



Original Color

39.3538, 0.2354, 0.2377

Protanomaly

38.9623, 0.2419, 0.2372

Deuteranomaly

39.2471, 0.2387, 0.2350

Tritanomaly

39.3283, 0.2478, 0.2806

Monochromacy



Original Color

39.3538, 0.2354, 0.2377

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.7536, 0.2796, 0.2924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3538, 0.2354, 0.2377 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(130, 169, 239)` looks like.

```
.text, #text, p{  
    color:rgb(130, 169, 239)  
}
```

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(130, 169, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 169, 239) }
```

Border

The CSS property to change the border of an element to Yxy 39.3538, 0.2354, 0.2377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

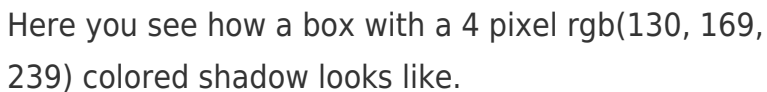
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 169, 239) }
```

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

```
.border{ border-color:rgb(130, 169, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(130, 169, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 169, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 169, 239); box-shadow:4px 4px 4px 4px rgb(130, 169, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3538, 0.2354, 0.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 169, 239) }
```

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

```
.background{ background-color: rgb(130,  
169, 239) }
```

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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