

Converting Colors

$Yxy(39.1665, 0.2171, 0.2387)$

Have a look what the booklet for
Yxy(39.1665, 0.2171, 0.2387)
contains.

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Color

Yxy(39.3461, 0.2170, 0.2387)

Conversions

Conversions Part 1

Format	Color
Hex	5CAFF2
RGB	92, 175, 242
RGB Percent	36%, 69%, 95%
CMY	0.6393, 0.3137, 0.0509
CMYK	0.62, 0.28, 0.00, 0.05
HSL	207°, 85%, 65%
HSV	207°, 62%, 95%
XYZ	35.7692, 39.3461, 89.7197
YIQ	157.8210, -70.9750, 3.2410

Conversions

Conversions Part 2

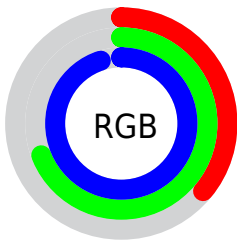
Format	Color
R _Y B	92, 145, 242
Decimal	6074354
CIE Lab	69.00, -5.40, -40.95
CIE LCh	69, 41.302, 262.493
Yxy	39.3461, 0.2170, 0.2387
Android (android.graphics.Color)	4284264434 (0xFF5CAFF2)
YUV	157.8210, 41.5002, -57.7250
Hunter-Lab	62.7265, -7.9834, -40.8958

Details

The Yxy color **39.3461, 0.2170, 0.2387** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **44.4402, 0.4573, 0.3989**, and the grayscale version is **33.9378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6837, 0.2534, 0.3002**, and **17.7111, 0.1928, 0.2142** is the 20% darker color. If you saturate the color by 10%, you get **34.2539, 0.2047, 0.2211**, and if you desaturate by 10%, it is **45.1757, 0.2310, 0.2559**.

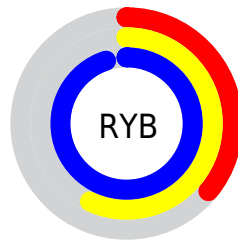
Distribution



Red (36%)

Green (69%)

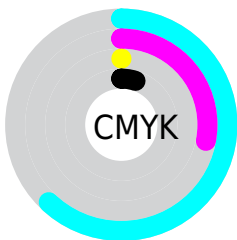
Blue (95%)



Red (36%)

Yellow (57%)

Blue (95%)

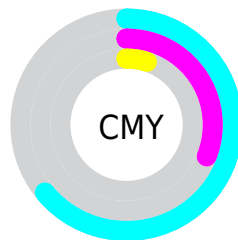


Cyan (62%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3461, 0.2170, 0.2387 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 39.3461, 0.2170, 0.2387 by changing the saturation by 10% instead.

■ 39.3461, 0.2170,
0.2387

■ 39.3461, 0.2170,
0.2387

■ 343.3597, 0.2639,
0.2837

■ 27.0291, 0.2059,
0.2278

■ 74.1667, 0.2336,
0.2548

■ 17.5951, 0.1921,
0.2142

■ 97.4392, 0.2400,
0.2610

■ 10.6597, 0.1745,
0.1967

■ 125.1322, 0.2455,
0.2662

■ 5.8385, 0.1517,
0.1737

■ 157.6301, 0.2502,
0.2707

■ 2.7471, 0.1217,
0.1428

■ 195.3175, 0.2543,
0.2745

■ 1.0012, 0.0824,
0.1011

■ 238.5786, 0.2578,

■ 0.0000, 0.0000,

0.2780

0.0000

287.7979, 0.2610,
0.2810

■ 39.3461, 0.2170,
0.2387

■ 39.3461, 0.2170,
0.2387

■ 34.2539, 0.2047,
0.2211

■ 45.1757, 0.2310,
0.2559

■ 29.8477, 0.1944,
0.2036

■ 51.7804, 0.2461,
0.2724

■ 26.0731, 0.1864,
0.1865

■ 59.1994, 0.2619,
0.2878

■ 23.4421, 0.1815,
0.1734

■ 67.4678, 0.2780,
0.3021

■ 76.6180, 0.2940,
0.3151

■ 86.6806, 0.3097,
0.3268

■ 96.4539, 0.3206,
0.3374

■ 99.1913, 0.3203,
0.3415

Harmonies

Analogous

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



39.3461, 0.2041, 0.2658



39.3461, 0.2170, 0.2387



39.3461, 0.2533, 0.2348

Triad

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



39.3461, 0.2170, 0.2387



39.3461, 0.4191, 0.3276



39.3461, 0.3071, 0.4280

Complementary

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



39.3461, 0.2170, 0.2387



44.4402, 0.4573, 0.3989

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.



39.3461, 0.3663, 0.4399



39.3461, 0.2170, 0.2387



39.3461, 0.4345, 0.3746

Square

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



39.3461, 0.2170, 0.2387



39.3461, 0.3711, 0.2841



39.3461, 0.4137, 0.4166



39.3461, 0.2524, 0.3789

Rectangle

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



39.3461, 0.2170, 0.2387



39.3461, 0.2887, 0.2437



39.3461, 0.4137, 0.4166



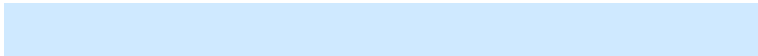
39.3461, 0.3272, 0.4365

Sweetspot

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



39.3475, 0.2170, 0.2387



78.9040, 0.2828, 0.3061



68.2174, 0.2756, 0.4450



16.2777, 0.2782, 0.3022



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.



39.3475, 0.2170, 0.2387



37.4120, 0.2022, 0.2172



18.1839, 0.1944, 0.1403



16.6793, 0.2980, 0.3182



12.8694, 0.1822, 0.1760



1.2689, 0.1883, 0.1979

Inverse Universe

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



29.6243, 0.3964, 0.2437



28.1215, 0.4218, 0.2347



77.3679, 0.4054, 0.4653



15.9053, 0.3206, 0.3160



11.0925, 0.4733, 0.2381



0.9428, 0.4477, 0.2240

Previews

White Background



This preview shows how the Yxy color 39.3461, 0.2170, 0.2387 looks on a white background.

Color Contrast Check

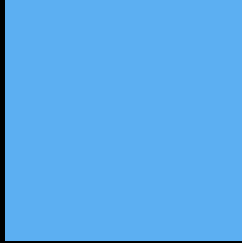
Large Text (above 18pt) WCAG AA × Fail

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 39.3461, 0.2170, 0.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

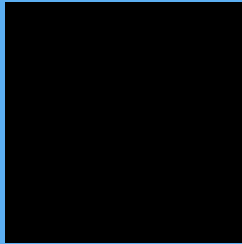
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

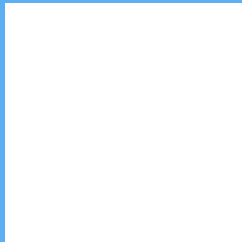
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3461, 0.2170, 0.2387

Background



This preview shows how black text looks on a background with the Yxy color 39.3461, 0.2170, 0.2387.



This preview shows how white text looks on a background with the Yxy color 39.3461, 0.2170, 0.2387.

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

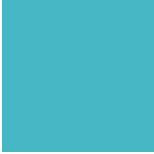
39.3461, 0.2170, 0.2387

Protanopia

38.9618, 0.2473, 0.2400

Deuteranopia

39.0383, 0.2358, 0.2294



Tritanopia

39.2838, 0.2314, 0.3058

Trichromacy



Original Color

39.3461, 0.2170, 0.2387

Protanomaly

38.9260, 0.2341, 0.2394

Deuteranomaly

38.8401, 0.2279, 0.2323

Tritanomaly

39.1598, 0.2257, 0.2790

Monochromacy



Original Color

39.3461, 0.2170, 0.2387

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.2934, 0.2672, 0.2921

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3461, 0.2170, 0.2387 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(92, 175, 242)` looks like.

```
.text, #text, p{  
    color:rgb(92, 175, 242)  
}
```

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(92, 175, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 175, 242) }
```

Border

The CSS property to change the border of an element to Yxy 39.3461, 0.2170, 0.2387 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(92, 175, 242) }
```

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

```
.border{ border-color:rgb(92, 175, 242) }
```

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

Here you see how a box with a 4 pixel rgb(92, 175, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 175, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 175, 242);  
box-shadow:4px 4px 4px 4px rgb(92, 175,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3461, 0.2170, 0.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 175, 242) }
```

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

```
.background{ background-color: rgb(92, 175,  
242) }
```

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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