

Converting Colors

$Y_{xy}(44.3973, 0.2444, 0.2365)$

Have a look what the booklet for
Yxy(44.3973, 0.2444, 0.2365)
contains.

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Color

Yxy(44.3973, 0.2444, 0.2365)

Conversions

Conversions Part 1

Format	Color
Hex	99AFFB
RGB	153, 175, 251
RGB Percent	60%, 69%, 98%
CMY	0.4001, 0.3137, 0.0155
CMYK	0.39, 0.30, 0.00, 0.02
HSL	227°, 93%, 79%
HSV	227°, 39%, 98%
XYZ	45.8803, 44.3973, 97.4488
YIQ	177.0860, -37.5080, 18.9720

Conversions

Conversions Part 2

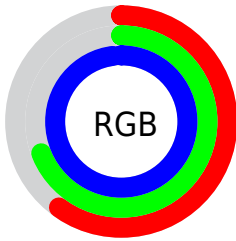
Format	Color
RYB	153, 171, 251
Decimal	10072059
CIELab	72.49, 10.79, -40.16
CIELCh	72, 41.587, 285.032
Yxy	44.3973, 0.2444, 0.2365
Android (android.graphics.Color)	4288262139 (0xFF99AFFB)
YUV	177.0860, 36.4396, -21.1234
Hunter-Lab	66.6313, 6.3050, -40.0702

Details

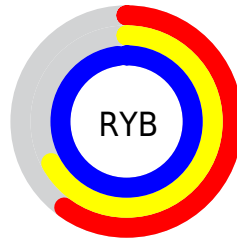
The Yxy color **44.3973, 0.2444, 0.2365** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **78.8605, 0.3794, 0.4067**, and the grayscale version is **43.8331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5153, 0.2847, 0.3026**, and **20.6023, 0.2260, 0.2141** is the 20% darker color. If you saturate the color by 10%, you get **35.1693, 0.2250, 0.2077**, and if you desaturate by 10%, it is **55.2346, 0.2635, 0.2637**.

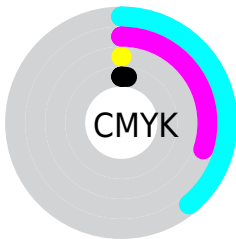
Distribution



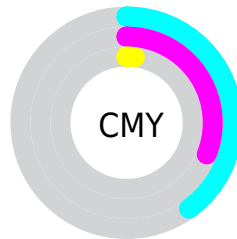
- Red (60%)
- Green (69%)
- Blue (98%)



- Red (60%)
- Yellow (67%)
- Blue (98%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3973, 0.2444, 0.2365 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 44.3973, 0.2444, 0.2365 by changing the saturation by 10% instead.

■ 44.3973, 0.2444,
0.2365

■ 44.3973, 0.2444,
0.2365

364.3271, 0.2780,
0.2806

■ 30.9830, 0.2363,
0.2263

■ 81.8153, 0.2564,
0.2519

■ 20.5859, 0.2262,
0.2137

■ 106.5877, 0.2610,
0.2579

■ 12.8216, 0.2132,
0.1979

135.9149, 0.2649,
0.2630

■ 7.3058, 0.1961,
0.1774

170.1813, 0.2682,
0.2675

■ 3.6541, 0.1726,
0.1503

209.7714, 0.2712,
0.2714

■ 1.4820, 0.1397,
0.1141

255.0694, 0.2737,

■ 0.2760, 0.0892,

0.2748

0.0468

306.4599, 0.2760,
0.2778

0.0000, 0.0000,
0.0000

44.3973, 0.2444,
0.2365

44.3973, 0.2444,
0.2365

35.1693, 0.2250,
0.2077

55.2346, 0.2635,
0.2637

27.4665, 0.2062,
0.1781

67.7495, 0.2817,
0.2886

21.2047, 0.1890,
0.1493

82.0125, 0.2986,
0.3110

16.2885, 0.1745,
0.1228

98.0884, 0.3141,
0.3308

12.6100, 0.1636,
0.1002

99.7474, 0.3150,
0.3328

■ 10.0304, 0.1565,
0.0827

■ 9.8336, 0.1559,
0.0813

Harmonies

Analogous

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



44.3973, 0.2145, 0.2458



44.3973, 0.2444, 0.2365



44.3973, 0.2944, 0.2478

Triad

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



44.3973, 0.2444, 0.2365



44.3973, 0.4302, 0.3623



44.3973, 0.2664, 0.3913

Complementary

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



44.3973, 0.2444, 0.2365



78.8605, 0.3794, 0.4067

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.



44.3973, 0.3220, 0.4310



44.3973, 0.2444, 0.2365



44.3973, 0.4185, 0.4051

Square

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



44.3973, 0.2444, 0.2365



44.3973, 0.4065, 0.3167



44.3973, 0.3779, 0.4334



44.3973, 0.2256, 0.3314

Rectangle

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



44.3973, 0.2444, 0.2365



44.3973, 0.3344, 0.2652



44.3973, 0.3779, 0.4334



44.3973, 0.2839, 0.4081

Sweetspot

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



44.3990, 0.2444, 0.2365



80.4363, 0.2938, 0.3046



81.3984, 0.2692, 0.3554



16.7959, 0.2916, 0.3017



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.



44.3990, 0.2444, 0.2365



38.2489, 0.2289, 0.2136



39.3413, 0.2589, 0.2148



17.2753, 0.2979, 0.3100



5.3445, 0.1566, 0.0837



0.6464, 0.1625, 0.1049

Inverse Universe

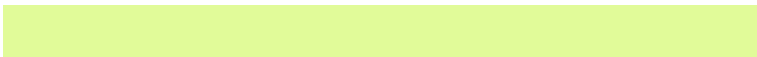
The Inverse Universe completely reimagines the original color for something new.



46.3867, 0.3884, 0.3057



41.2410, 0.4124, 0.3013



87.3069, 0.3532, 0.4326



17.2891, 0.3259, 0.3237



10.9504, 0.6010, 0.3084



1.0295, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 44.3973, 0.2444, 0.2365 looks on a white background.

Color Contrast Check

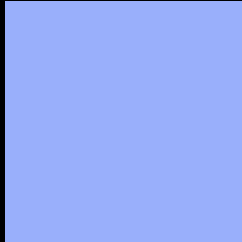
Large Text (above 18pt) WCAG AA × Fail

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 44.3973, 0.2444, 0.2365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

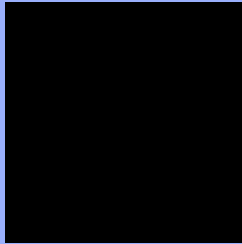
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3973, 0.2444, 0.2365

Background



This preview shows how black text looks on a background with the Yxy color 44.3973, 0.2444, 0.2365.



This preview shows how white text looks on a background with the Yxy color 44.3973, 0.2444, 0.2365.

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

44.3973, 0.2444, 0.2365

Protanopia

44.4950, 0.2451, 0.2367

Deuteranopia

44.5950, 0.2434, 0.2375



Tritanopia

44.4435, 0.2676, 0.3082

Trichromacy



Original Color

44.3973, 0.2444, 0.2365

Protanomaly

44.4950, 0.2451, 0.2367

Deuteranomaly

44.6911, 0.2440, 0.2377

Tritanomaly

44.1820, 0.2585, 0.2787

Monochromacy



Original Color

44.3973, 0.2444, 0.2365

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7351, 0.2845, 0.2923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3973, 0.2444, 0.2365 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(153, 175, 251)` looks like.

```
.text, #text, p{  
    color:rgb(153, 175, 251)  
}
```

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(153, 175, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 175, 251) }
```

Border

The CSS property to change the border of an element to Yxy 44.3973, 0.2444, 0.2365 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(153, 175, 251) }
```

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

```
.border{ border-color:rgb(153, 175, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 175, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 175, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 175, 251);  
box-shadow:4px 4px 4px 4px rgb(153, 175,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3973, 0.2444, 0.2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 175, 251) }
```

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

```
.background{ background-color: rgb(153,  
175, 251) }
```

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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