

Converting Colors

$Y_{xy}(43.3240, 0.2460, 0.2440)$

Have a look what the booklet for
Yxy(43.3240, 0.2460, 0.2440)
contains.

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Color

Yxy(43.4269, 0.2456, 0.2439)

Conversions

Conversions Part 1

Format	Color
Hex	94AFF3
RGB	148, 175, 243
RGB Percent	58%, 69%, 95%
CMY	0.4194, 0.3138, 0.0469
CMYK	0.39, 0.28, 0.00, 0.05
HSL	223°, 80%, 77%
HSV	223°, 39%, 95%
XYZ	43.7296, 43.4269, 90.8956
YIQ	174.6790, -37.9200, 15.4240

Conversions

Conversions Part 2

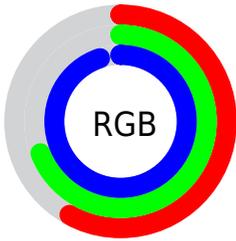
Format	Color
R _Y B	148, 169, 243
Decimal	9744371
CIE Lab	71.84, 7.36, -36.86
CIE LCh	72, 37.590, 281.289
Yxy	43.4269, 0.2456, 0.2439
Android (android.graphics.Color)	4287934451 (0xFF94AFF3)
YUV	174.6790, 33.6823, -23.3975
Hunter-Lab	65.8991, 3.1264, -35.6502

Details

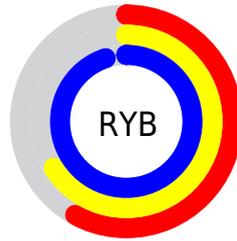
The Yxy color **43.4269, 0.2456, 0.2439** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **70.3569, 0.3815, 0.4012**, and the grayscale version is **42.5379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7928, 0.2816, 0.3024**, and **20.0809, 0.2274, 0.2220** is the 20% darker color. If you saturate the color by 10%, you get **35.0492, 0.2270, 0.2173**, and if you desaturate by 10%, it is **53.1574, 0.2641, 0.2689**.

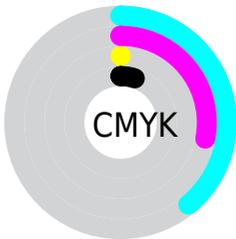
Distribution



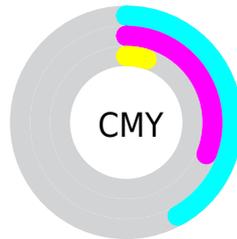
- Red (58%)
- Green (69%)
- Blue (95%)



- Red (58%)
- Yellow (66%)
- Blue (95%)



- Cyan (39%)
- Magenta (28%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (31%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4269, 0.2456, 0.2439 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 43.4269, 0.2456, 0.2439 by changing the saturation by 10% instead.

■ 43.4269, 0.2456,
0.2439

■ 43.4269, 0.2456,
0.2439

■ 360.3645, 0.2788,
0.2850

■ 30.2202, 0.2376,
0.2342

■ 80.3547, 0.2575,
0.2584

■ 20.0058, 0.2275,
0.2222

■ 104.8445, 0.2620,
0.2640

■ 12.3993, 0.2145,
0.2068

■ 133.8643, 0.2658,
0.2688

■ 7.0162, 0.1972,
0.1868

■ 167.7982, 0.2691,
0.2729

■ 3.4722, 0.1734,
0.1598

■ 207.0308, 0.2720,
0.2765

■ 1.3830, 0.1394,
0.1227

■ 251.9465, 0.2745,

■ 0.2041, 0.0780,

0.2797

0.0426

302.9296, 0.2768,
0.2825

0.0000, 0.0000,
0.0000

43.4269, 0.2456,
0.2439

43.4269, 0.2456,
0.2439

35.0492, 0.2270,
0.2173

53.1574, 0.2641,
0.2689

27.9561, 0.2089,
0.1898

64.2945, 0.2819,
0.2918

22.0807, 0.1924,
0.1624

76.8949, 0.2986,
0.3123

17.3471, 0.1782,
0.1366

91.0109, 0.3141,
0.3306

13.6694, 0.1673,
0.1137

99.2530, 0.3197,
0.3405

■ 10.9344, 0.1598,
0.0948

■ 10.7214, 0.1593,
0.0933

Harmonies

Analogous

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



43.4269, 0.2204, 0.2555



43.4269, 0.2456, 0.2439



43.4269, 0.2897, 0.2520

Triad

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



43.4269, 0.2456, 0.2439



43.4269, 0.4188, 0.3551



43.4269, 0.2765, 0.3913

Complementary

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



43.4269, 0.2456, 0.2439



70.3569, 0.3815, 0.4012

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.



43.4269, 0.3284, 0.4234



43.4269, 0.2456, 0.2439



43.4269, 0.4125, 0.3950

Square

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



43.4269, 0.2456, 0.2439



43.4269, 0.3933, 0.3131



43.4269, 0.3785, 0.4223



43.4269, 0.2366, 0.3385

Rectangle

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



43.4269, 0.2456, 0.2439



43.4269, 0.3258, 0.2668



43.4269, 0.3785, 0.4223



43.4269, 0.2931, 0.4053

Sweetspot

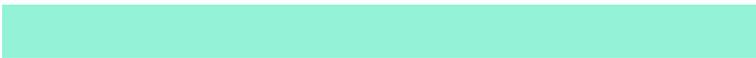
The Sweet Spot groups the original color and five complimentary colors.



43.4285, 0.2456, 0.2439



81.4543, 0.2938, 0.3065



75.3026, 0.2725, 0.3632



17.0341, 0.2916, 0.3039



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.



43.4285, 0.2456, 0.2439



40.8135, 0.2306, 0.2226



35.8871, 0.2542, 0.2135



16.6921, 0.2980, 0.3115



6.0797, 0.1600, 0.0959



0.7019, 0.1667, 0.1199

Inverse Universe

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



43.3490, 0.3823, 0.2997



41.4999, 0.4044, 0.2939



82.1124, 0.3577, 0.4309



16.5598, 0.3249, 0.3223



10.7131, 0.5821, 0.2980



0.9585, 0.5467, 0.2785

Previews

White Background



This preview shows how the Yxy color 43.4269, 0.2456, 0.2439 looks on a white background.

Color Contrast Check

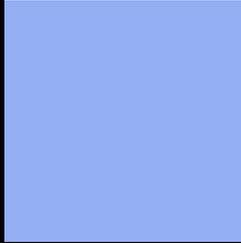
Large Text (above 18pt) WCAG AA × Fail

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 43.4269, 0.2456, 0.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

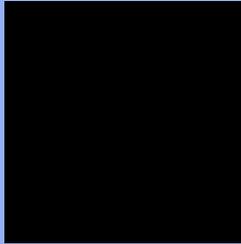
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4269, 0.2456, 0.2439

Background



This preview shows how black text looks on a background with the Yxy color 43.4269, 0.2456, 0.2439.



This preview shows how white text looks on a background with the Yxy color 43.4269, 0.2456, 0.2439.

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

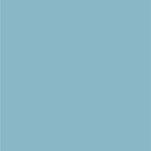
43.4269, 0.2456, 0.2439

Protanopia

43.2665, 0.2503, 0.2434

Deuteranopia

43.5155, 0.2486, 0.2434



Tritanopia

43.2626, 0.2665, 0.3079

Trichromacy



Original Color

43.4269, 0.2456, 0.2439

Protanomaly

43.3583, 0.2485, 0.2442

Deuteranomaly

43.3225, 0.2473, 0.2431

Tritanomaly

43.1603, 0.2587, 0.2831

Monochromacy



Original Color

43.4269, 0.2456, 0.2439

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8294, 0.2850, 0.2957

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4269, 0.2456, 0.2439 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(148, 175, 243)` looks like.

```
.text, #text, p{  
    color:rgb(148, 175, 243)  
}
```

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(148, 175, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 175, 243) }
```

Border

The CSS property to change the border of an element to Yxy 43.4269, 0.2456, 0.2439 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(148, 175, 243) }
```

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

```
.border{ border-color:rgb(148, 175, 243) }
```

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

Here you see how a box with a 4 pixel rgb(148, 175, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 175, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 175, 243);  
box-shadow:4px 4px 4px 4px rgb(148, 175,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4269, 0.2456, 0.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 175, 243) }
```

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

```
.background{ background-color: rgb(148,  
175, 243) }
```

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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