

Converting Colors

Yxy(43.1882, 0.2497, 0.2349)

Have a look what the booklet for
Yxy(43.1882, 0.2497, 0.2349)
contains.

| | |
|--|----|
| Yxy(43.3767, 0.2498, 0.2356) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(43.3767, 0.2498, 0.2356)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A0ABF8 |
| RGB | 160, 171, 248 |
| RGB Percent | 63%, 67%, 97% |
| CMY | 0.3728, 0.3293, 0.0275 |
| CMYK | 0.36, 0.31, 0.00, 0.03 |
| HSL | 232°, 86%, 80% |
| HSV | 232°, 36%, 97% |
| XYZ | 45.9911, 43.3767, 94.7438 |
| YIQ | 176.4890, -31.2730, 21.6150 |

Conversions

Conversions Part 2

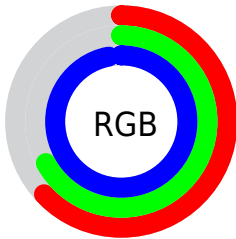
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 160, 170, 248 |
| Decimal | 10529784 |
| CIE Lab | 71.81, 14.05, -39.54 |
| CIE LCh | 72, 41.963, 289.557 |
| Yxy | 43.3767, 0.2498, 0.2356 |
| Android (android.graphics.Color) | 4288719864 (0xFFA0ABF8) |
| YUV | 176.4890, 35.2549, -14.4609 |
| Hunter-Lab | 65.8610, 9.3908, -39.1885 |

Details

The Yxy color **43.3767, 0.2498, 0.2356** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **82.9972, 0.3699, 0.4077**, and the grayscale version is **43.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3644, 0.2889, 0.2987**, and **19.9585, 0.2327, 0.2128** is the 20% darker color. If you saturate the color by 10%, you get **33.5443, 0.2294, 0.2038**, and if you desaturate by 10%, it is **55.0647, 0.2694, 0.2655**.

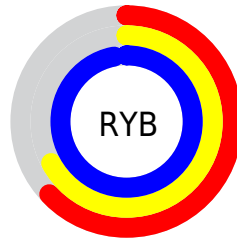
Distribution



Red (63%)

Green (67%)

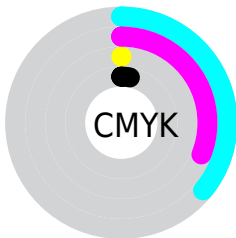
Blue (97%)



Red (63%)

Yellow (67%)

Blue (97%)

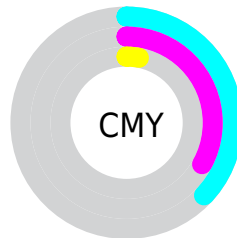


Cyan (36%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (37%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3767, 0.2498, 0.2356 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 43.3767, 0.2498, 0.2356 by changing the saturation by 10% instead.


 43.3767, 0.2498,
0.2356

 43.3767, 0.2498,
0.2356


360.1587, 0.2811,
0.2801

 30.1808, 0.2422,
0.2253


 80.2790, 0.2610,
0.2512

 19.9759, 0.2326,
0.2126


 104.7542, 0.2653,
0.2572

 12.3775, 0.2202,
0.1966


133.7579, 0.2689,
0.2624

 7.0013, 0.2037,
0.1759

167.6746, 0.2721,
0.2668

 3.4629, 0.1809,
0.1485

206.8886, 0.2748,
0.2708

 1.3779, 0.1482,
0.1119

251.7844, 0.2771,

 0.2004, 0.0978,

0.2742

0.0368

302.7463, 0.2792,
0.2773

0.0000, 0.0000,
0.0000

43.3767, 0.2498,
0.2356

43.3767, 0.2498,
0.2356

33.5443, 0.2294,
0.2038

55.0647, 0.2694,
0.2655

25.4668, 0.2092,
0.1713

68.6922, 0.2877,
0.2927

19.0411, 0.1903,
0.1400

84.3440, 0.3043,
0.3169

14.1516, 0.1742,
0.1118

99.5565, 0.3168,
0.3357

10.6669, 0.1620,
0.0889

■ 8.4328, 0.1544,
0.0728

■ 7.7689, 0.1522,
0.0678

Harmonies

Analogous

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



43.3767, 0.2161, 0.2416



43.3767, 0.2498, 0.2356



43.3767, 0.3030, 0.2500

Triad

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



43.3767, 0.2498, 0.2356



43.3767, 0.4327, 0.3696



43.3767, 0.2580, 0.3839

Complementary

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



43.3767, 0.2498, 0.2356



82.9972, 0.3699, 0.4077

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.



43.3767, 0.3131, 0.4291



43.3767, 0.2498, 0.2356



43.3767, 0.4155, 0.4119

Square

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



43.3767, 0.2498, 0.2356



43.3767, 0.4139, 0.3233



43.3767, 0.3709, 0.4371



43.3767, 0.2199, 0.3222

Rectangle

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



43.3767, 0.2498, 0.2356



43.3767, 0.3441, 0.2692



43.3767, 0.3709, 0.4371



43.3767, 0.2751, 0.4022

Sweetspot

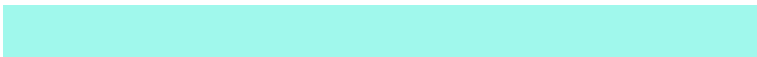
The Sweet Spot groups the original color and five complimentary colors.



43.3783, 0.2498, 0.2356



80.4058, 0.2954, 0.3039



80.6637, 0.2683, 0.3423



16.7332, 0.2931, 0.3006



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.



43.3783, 0.2498, 0.2356



38.1237, 0.2344, 0.2117



43.1300, 0.2716, 0.2284



16.9952, 0.2979, 0.3076



4.3049, 0.1526, 0.0693



0.5064, 0.1571, 0.0854

Inverse Universe

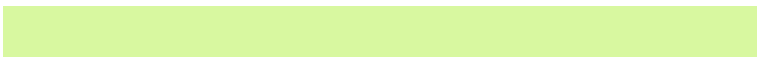
The Inverse Universe completely reimagines the original color for something new.



48.0136, 0.3873, 0.3172



44.1268, 0.4116, 0.3148



84.2156, 0.3437, 0.4248



17.2608, 0.3274, 0.3260



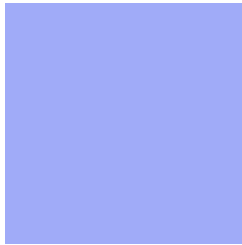
10.8455, 0.6243, 0.3213



1.0154, 0.5984, 0.3070

Previews

White Background



This preview shows how the Yxy color 43.3767, 0.2498, 0.2356 looks on a white background.

Color Contrast Check

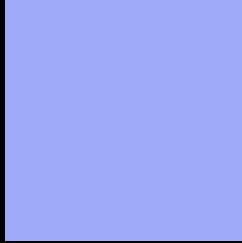
Large Text (above 18pt) WCAG AA × Fail

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 43.3767, 0.2498, 0.2356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

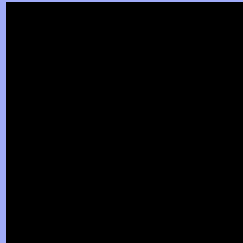
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3767, 0.2498, 0.2356

Background



This preview shows how black text looks on a background with the Yxy color 43.3767, 0.2498, 0.2356.



This preview shows how white text looks on a background with the Yxy color 43.3767, 0.2498, 0.2356.

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

43.3767, 0.2498, 0.2356

Protanopia

43.4647, 0.2440, 0.2349

Deuteranopia

43.4715, 0.2445, 0.2388



Tritanopia

43.3292, 0.2753, 0.3082

Trichromacy



Original Color

43.3767, 0.2498, 0.2356

Protanomaly

43.3132, 0.2462, 0.2350

Deuteranomaly

43.4726, 0.2468, 0.2381

Tritanomaly

43.0260, 0.2651, 0.2787

Monochromacy



Original Color

43.3767, 0.2498, 0.2356

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0824, 0.2874, 0.2923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3767, 0.2498, 0.2356 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(160, 171, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 248)  
}
```

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(160, 171, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 248) }
```

Border

The CSS property to change the border of an element to Yxy 43.3767, 0.2498, 0.2356 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(160, 171, 248) }
```

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

```
.border{ border-color:rgb(160, 171, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3767, 0.2498, 0.2356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 248) }
```

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

```
.background{ background-color: rgb(160,  
171, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor