

Converting Colors

$Y_{xy}(39.4560, 0.2770, 0.2529)$

Have a look what the booklet for
Yxy(39.4560, 0.2770, 0.2529)
contains.

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Color

Yxy(39.4229, 0.2774, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	AFA0DC
RGB	175, 160, 220
RGB Percent	69%, 63%, 86%
CMY	0.3136, 0.3726, 0.1373
CMYK	0.20, 0.27, 0.00, 0.14
HSL	255°, 46%, 75%
HSV	255°, 27%, 86%
XYZ	43.1738, 39.4229, 73.0405
YIQ	171.3250, -10.3200, 21.8400

Conversions

Conversions Part 2

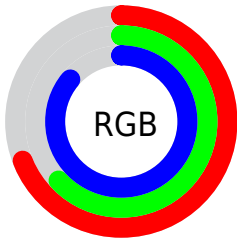
Format	Color
RYB	175, 160, 220
Decimal	11509980
CIELab	69.06, 17.73, -28.43
CIElCh	69, 33.505, 301.951
Yxy	39.4229, 0.2774, 0.2533
Android (android.graphics.Color)	4289700060 (0xFFAFA0DC)
YUV	171.3250, 23.9968, 3.2230
Hunter-Lab	62.7877, 12.8609, -25.0204

Details

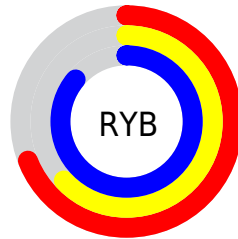
The Yxy color **39.4229, 0.2774, 0.2533** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.6941, 0.3421, 0.3996**, and the grayscale version is **40.7804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8098, 0.2979, 0.2880**, and **17.5793, 0.2666, 0.2323** is the 20% darker color. If you saturate the color by 10%, you get **30.6675, 0.2613, 0.2213**, and if you desaturate by 10%, it is **49.7638, 0.2919, 0.2833**.

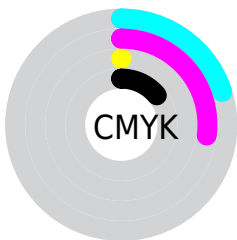
Distribution



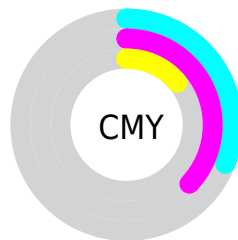
- Red (69%)
- Green (63%)
- Blue (86%)



- Red (69%)
- Yellow (63%)
- Blue (86%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (14%)





- Cyan (31%)
- Magenta (37%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4229, 0.2774, 0.2533 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 39.4229, 0.2774, 0.2533 by changing the saturation by 10% instead.

 39.4229, 0.2774,
0.2533

 39.4229, 0.2774,
0.2533


343.6851, 0.2958,
0.2902

 27.0889, 0.2727,
0.2444


 74.2839, 0.2842,
0.2665

 17.6400, 0.2665,
0.2333


 97.5797, 0.2867,
0.2715

 10.6918, 0.2582,
0.2189


125.2982, 0.2888,
0.2758

 5.8600, 0.2465,
0.1996

157.8238, 0.2906,
0.2795

 2.7601, 0.2291,
0.1728

195.5409, 0.2922,
0.2827

 1.0078, 0.2009,
0.1340

238.8339, 0.2935,

 0.0000, 0.1322,

0.2855

0.0000

288.0872, 0.2947,
0.2880

0.0000, 0.0000,
0.0000

39.4229, 0.2774,
0.2533

39.4229, 0.2774,
0.2533

30.6675, 0.2613,
0.2213

49.7638, 0.2919,
0.2833

23.4135, 0.2439,
0.1883

61.7594, 0.3046,
0.3108

17.5758, 0.2257,
0.1558

75.4804, 0.3155,
0.3354

13.0590, 0.2078,
0.1259

90.9919, 0.3249,
0.3573

9.7553, 0.1913,
0.1007

97.9471, 0.3334,
0.3631

■ 7.5396, 0.1771,
0.0818

■ 6.2472, 0.1662,
0.0700

■ 5.9840, 0.1637,
0.0676

Harmonies

Analogous

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



39.4229, 0.2412, 0.2514



39.4229, 0.2774, 0.2533



39.4229, 0.3261, 0.2719

Triad

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



39.4229, 0.2774, 0.2533



39.4229, 0.4096, 0.3799



39.4229, 0.2522, 0.3537

Complementary

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



39.4229, 0.2774, 0.2533



66.6941, 0.3421, 0.3996

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.



39.4229, 0.2939, 0.3980



39.4229, 0.2774, 0.2533



39.4229, 0.3856, 0.4095

Square

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



39.4229, 0.2774, 0.2533



39.4229, 0.4060, 0.3414



39.4229, 0.3428, 0.4185



39.4229, 0.2275, 0.3049

Rectangle

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



39.4229, 0.2774, 0.2533



39.4229, 0.3594, 0.2916



39.4229, 0.3428, 0.4185



39.4229, 0.2646, 0.3700

Sweetspot

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



39.4245, 0.2774, 0.2533



84.8833, 0.3036, 0.3087



56.3002, 0.2713, 0.3102



17.5978, 0.3018, 0.3047



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.



39.4245, 0.2774, 0.2533



47.4892, 0.2679, 0.2343



43.2845, 0.3028, 0.2587



12.7741, 0.3020, 0.3051



3.5567, 0.1649, 0.0682



0.2711, 0.1817, 0.0775

Inverse Universe

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



44.7594, 0.3289, 0.2773



56.2639, 0.3334, 0.2657



62.8352, 0.3196, 0.4048



13.2161, 0.3176, 0.3116



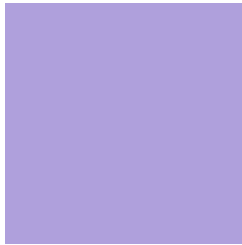
10.5395, 0.3961, 0.1956



0.6963, 0.3813, 0.1874

Previews

White Background



This preview shows how the Yxy color 39.4229, 0.2774, 0.2533 looks on a white background.

Color Contrast Check

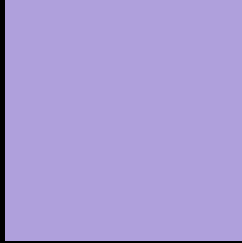
Large Text (above 18pt) WCAG AA × Fail

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 39.4229, 0.2774, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

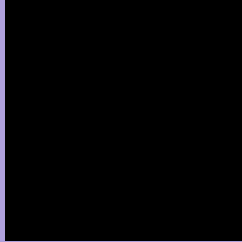
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4229, 0.2774, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 39.4229, 0.2774, 0.2533.



This preview shows how white text looks on a background with the Yxy color 39.4229, 0.2774, 0.2533.

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

39.4229, 0.2774, 0.2533

Protanopia

39.3841, 0.2571, 0.2520

Deuteranopia

39.6560, 0.2653, 0.2597



Tritanopia

39.2985, 0.3019, 0.3097

Trichromacy



Original Color

39.4229, 0.2774, 0.2533

Protanomaly

39.3522, 0.2639, 0.2528

Deuteranomaly

39.5579, 0.2697, 0.2579

Tritanomaly

39.1490, 0.2932, 0.2875

Monochromacy



Original Color

39.4229, 0.2774, 0.2533

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0822, 0.2989, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4229, 0.2774, 0.2533 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(175, 160, 220)` looks like.

```
.text, #text, p{  
    color:rgb(175, 160, 220)  
}
```

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(175, 160, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 160, 220) }
```

Border

The CSS property to change the border of an element to Yxy 39.4229, 0.2774, 0.2533 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(175, 160, 220) }
```

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

```
.border{ border-color:rgb(175, 160, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 160, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 160, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 160, 220);  
box-shadow:4px 4px 4px 4px rgb(175, 160,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4229, 0.2774, 0.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 160, 220) }
```

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

```
.background{ background-color: rgb(175,  
160, 220) }
```

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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