

Converting Colors

Yxy(39.4968, 0.2984, 0.2901)

Have a look what the booklet for
Yxy(39.4968, 0.2984, 0.2901)
contains.

Yxy(39.5151, 0.2983, 0.2905)	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(39.5151, 0.2983, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	AFA4C1
RGB	175, 164, 193
RGB Percent	69%, 64%, 76%
CMY	0.3138, 0.3568, 0.2432
CMYK	0.09, 0.15, 0.00, 0.24
HSL	263°, 19%, 70%
HSV	263°, 15%, 76%
XYZ	40.5761, 39.5151, 55.9332
YIQ	170.5950, -2.7530, 11.3510

Conversions

Conversions Part 2

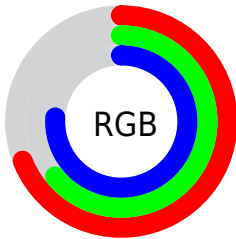
Format	Color
RYB	175, 164, 193
Decimal	11510977
CIELab	69.12, 9.58, -13.41
CIELCh	69, 16.481, 305.524
Yxy	39.5151, 0.2983, 0.2905
Android (android.graphics.Color)	4289701057 (0xFFAFA4C1)
YUV	170.5950, 11.0457, 3.8632
Hunter-Lab	62.8610, 5.2129, -8.7530

Details

The Yxy color **39.5151, 0.2983, 0.2905** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.7626, 0.3257, 0.3668**, and the grayscale version is **40.4554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4915, 0.3017, 0.2981**, and **17.5900, 0.2937, 0.2796** is the 20% darker color. If you saturate the color by 10%, you get **31.7985, 0.2868, 0.2620**, and if you desaturate by 10%, it is **48.4065, 0.3083, 0.3168**.

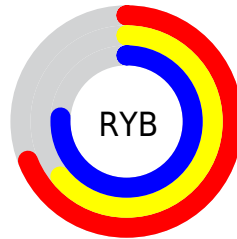
Distribution



Red (69%)

Green (64%)

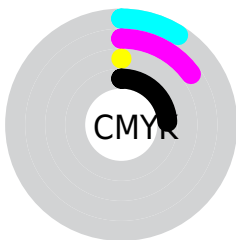
Blue (76%)



Red (69%)

Yellow (64%)

Blue (76%)

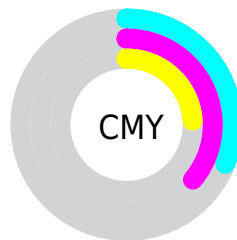


Cyan (9%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (31%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5151, 0.2983, 0.2905 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 39.5151, 0.2983, 0.2905 by changing the saturation by 10% instead.


 39.5151, 0.2983,
0.2905


 39.5151, 0.2983,
0.2905


344.0755, 0.3058,
0.3098

 27.1607, 0.2963,
0.2857


 74.4246, 0.3011,
0.2975

 17.6939, 0.2937,
0.2794


 97.7484, 0.3021,
0.3002

 10.7305, 0.2901,
0.2711


125.4975, 0.3030,
0.3024

 5.8859, 0.2850,
0.2596

158.0562, 0.3037,
0.3043

 2.7758, 0.2768,
0.2423

195.8090, 0.3044,
0.3060

 1.0158, 0.2624,
0.2141

239.1402, 0.3049,

 0.0000, 0.1453,

0.3074

0.0000

288.4343, 0.3054,
0.3087

■ 0.0000, 0.0000,
0.0000

■ 39.5151, 0.2983,
0.2905

■ 39.5151, 0.2983,
0.2905

■ 31.7985, 0.2868,
0.2620

■ 48.4065, 0.3083,
0.3168

■ 25.2013, 0.2739,
0.2318

■ 58.5147, 0.3168,
0.3406

■ 19.6712, 0.2596,
0.2007

■ 69.8860, 0.3241,
0.3619

■ 15.1497, 0.2442,
0.1699

■ 82.5627, 0.3302,
0.3809

■ 11.5724, 0.2285,
0.1411

■ 93.0218, 0.3362,
0.3927

■ 8.8671, 0.2130,
0.1160

■ 95.1316, 0.3442,
0.3911

■ 6.9508, 0.1987,
0.0961

■ 96.6297, 0.3496,
0.3900

■ 5.7230, 0.1863,
0.0823

■ 5.2691, 0.1808,
0.0770

Harmonies

Analogous

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



39.5151, 0.2784, 0.2891



39.5151, 0.2983, 0.2905



39.5151, 0.3229, 0.3012

Triad

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



39.5151, 0.2983, 0.2905



39.5151, 0.3597, 0.3581



39.5151, 0.2806, 0.3386

Complementary

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



39.5151, 0.2983, 0.2905



50.7626, 0.3257, 0.3668

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.



39.5151, 0.3014, 0.3594



39.5151, 0.2983, 0.2905



39.5151, 0.3473, 0.3702

Square

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



39.5151, 0.2983, 0.2905



39.5151, 0.3591, 0.3392



39.5151, 0.3258, 0.3711



39.5151, 0.2685, 0.3158

Rectangle

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



39.5151, 0.2983, 0.2905



39.5151, 0.3386, 0.3123



39.5151, 0.3258, 0.3711



39.5151, 0.2868, 0.3462

Sweetspot

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



39.5168, 0.2983, 0.2905



86.6004, 0.3082, 0.3166



45.3484, 0.2897, 0.3147



18.3218, 0.3075, 0.3148



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5168, 0.2983, 0.2905



66.0410, 0.2947, 0.2814



41.2395, 0.3109, 0.2920



9.9297, 0.3041, 0.3056



3.5475, 0.1821, 0.0777



0.1928, 0.2083, 0.0921

Inverse Universe

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



41.2690, 0.3240, 0.3059



69.8046, 0.3269, 0.3007



49.1267, 0.3140, 0.3682



10.1808, 0.3194, 0.3148



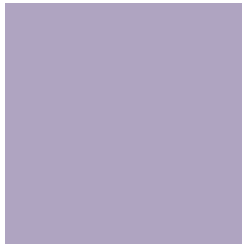
8.4574, 0.4437, 0.2218



0.3785, 0.4095, 0.2029

Previews

White Background



This preview shows how the Yxy color 39.5151, 0.2983, 0.2905 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 39.5151, 0.2983, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

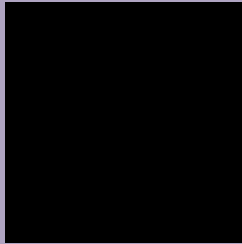
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5151, 0.2983, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 39.5151, 0.2983, 0.2905.



This preview shows how white text looks on a background with the Yxy color 39.5151, 0.2983, 0.2905.

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

39.5151, 0.2983, 0.2905

Protanopia

39.4701, 0.2874, 0.2910

Deuteranopia

39.3998, 0.2974, 0.2904



Tritanopia

39.4113, 0.3081, 0.3113

Trichromacy



Original Color

39.5151, 0.2983, 0.2905

Protanomaly

39.4923, 0.2915, 0.2913

Deuteranomaly

39.3998, 0.2974, 0.2904

Tritanomaly

39.3696, 0.3048, 0.3033

Monochromacy



Original Color

39.5151, 0.2983, 0.2905

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0306, 0.3071, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5151, 0.2983, 0.2905 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, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(175, 164, 193)  
}
```

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, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 164, 193) }
```

Border

The CSS property to change the border of an element to Yxy 39.5151, 0.2983, 0.2905 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, 164, 193) }
```

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

```
.border{ border-color:rgb(175, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(175, 164,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5151, 0.2983, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 164, 193) }
```

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

```
.background{ background-color: rgb(175,  
164, 193) }
```

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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