

Converting Colors

$Y_{xy}(39.1290, 0.2813, 0.3086)$

Have a look what the booklet for
Yxy(39.1290, 0.2813, 0.3086)
contains.

Yxy(39.3461, 0.2814, 0.3090)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3461, 0.2814, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	94ACBA
RGB	148, 172, 186
RGB Percent	58%, 67%, 73%
CMY	0.4195, 0.3255, 0.2706
CMYK	0.20, 0.08, 0.00, 0.27
HSL	202°, 22%, 65%
HSV	202°, 20%, 73%
XYZ	35.8317, 39.3461, 52.1559
YIQ	166.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

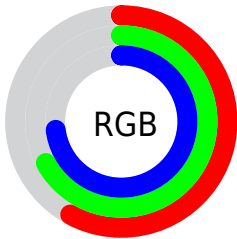
Format	Color
RYB	148, 163, 186
Decimal	9743546
CIELab	69.00, -5.19, -9.93
CIELCh	69, 11.205, 242.432
Yxy	39.3461, 0.2814, 0.3090
Android (android.graphics.Color)	4287933626 (0xFF94ACBA)
YUV	166.4200, 9.6529, -16.1543
Hunter-Lab	62.7265, -7.8055, -5.3900

Details

The Yxy color **39.3461, 0.2814, 0.3090** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4285, 0.3490, 0.3482**, and the grayscale version is **38.3094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9055, 0.2870, 0.3126**, and **17.6678, 0.2723, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **35.2065, 0.2660, 0.2977**, and if you desaturate by 10%, it is **43.9023, 0.2968, 0.3193**.

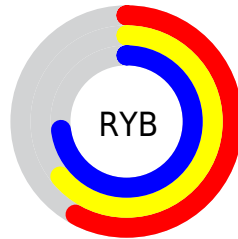
Distribution



Red (58%)

Green (67%)

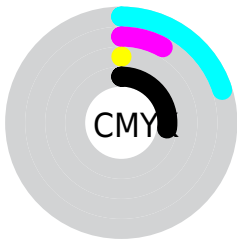
Blue (73%)



Red (58%)

Yellow (64%)

Blue (73%)

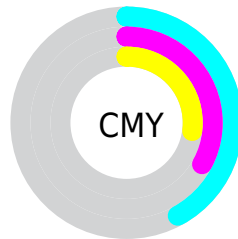


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (42%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3461, 0.2814, 0.3090 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 39.3461, 0.2814, 0.3090 by changing the saturation by 10% instead.


 39.3461, 0.2814,
0.3090


 39.3461, 0.2814,
0.3090


343.3597, 0.2974,
0.3194

 27.0291, 0.2773,
0.3063


 74.1667, 0.2873,
0.3129

 17.5951, 0.2720,
0.3027


 97.4392, 0.2894,
0.3143

 10.6597, 0.2649,
0.2978

125.1322, 0.2913,
0.3155

 5.8385, 0.2548,
0.2908

157.6301, 0.2929,
0.3165

 2.7471, 0.2393,
0.2797

195.3175, 0.2942,
0.3174

 1.0012, 0.2130,
0.2599

238.5786, 0.2954,

 0.0000, 0.0000,

0.3181

0.0000

287.7979, 0.2964,
0.3188

■ 39.3461, 0.2814,
0.3090

■ 39.3461, 0.2814,
0.3090

■ 35.2065, 0.2660,
0.2977

■ 43.9023, 0.2968,
0.3193

■ 31.4634, 0.2511,
0.2855

■ 48.8848, 0.3121,
0.3286

■ 28.1021, 0.2369,
0.2725

■ 54.3086, 0.3270,
0.3370

■ 25.1046, 0.2240,
0.2589

■ 60.1866, 0.3413,
0.3444

■ 22.4514, 0.2125,
0.2448

■ 66.5312, 0.3550,
0.3510

■ 20.1202, 0.2029,
0.2307

■ 72.4656, 0.3643,
0.3571

■ 18.0853, 0.1954,
0.2166

■ 75.9920, 0.3625,
0.3639

■ 16.3644, 0.1899,
0.2034

■ 79.6660, 0.3607,
0.3706

■ 83.4895, 0.3590,
0.3772

Harmonies

Analogous

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



39.3461, 0.2828, 0.3218



39.3461, 0.2814, 0.3090



39.3461, 0.2881, 0.3019

Triad

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



39.3461, 0.2814, 0.3090



39.3461, 0.3336, 0.3207



39.3461, 0.3235, 0.3577

Complementary

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



39.3461, 0.2814, 0.3090



38.4285, 0.3490, 0.3482

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.



39.3461, 0.3376, 0.3565



39.3461, 0.2814, 0.3090



39.3461, 0.3436, 0.3349

Square

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



39.3461, 0.2814, 0.3090



39.3461, 0.3180, 0.3088



39.3461, 0.3450, 0.3480



39.3461, 0.3068, 0.3506

Rectangle

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



39.3461, 0.2814, 0.3090



39.3461, 0.2964, 0.3012



39.3461, 0.3450, 0.3480



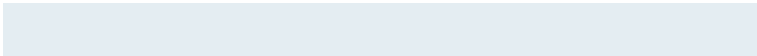
39.3461, 0.3287, 0.3582

Sweetspot

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



39.3477, 0.2814, 0.3090



83.3784, 0.3035, 0.3235



44.0208, 0.2998, 0.3636



18.2323, 0.3025, 0.3228



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.3477, 0.2814, 0.3090



68.2440, 0.2753, 0.3046



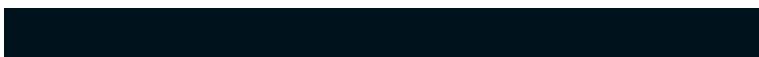
32.6573, 0.2796, 0.2811



9.6388, 0.2985, 0.3204



11.1573, 0.1903, 0.2052



0.5073, 0.2002, 0.2408

Inverse Universe

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



34.6069, 0.3284, 0.2968



58.4587, 0.3322, 0.2903



45.5974, 0.3442, 0.3728



9.1050, 0.3192, 0.3147



7.9087, 0.4394, 0.2194



0.2903, 0.4015, 0.1985

Previews

White Background



This preview shows how the Yxy color 39.3461, 0.2814, 0.3090 looks on a white background.

Color Contrast Check

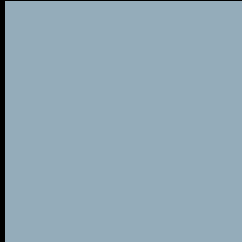
Large Text (above 18pt) WCAG AA × Fail

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 39.3461, 0.2814, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

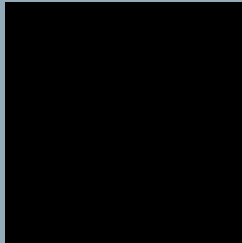
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

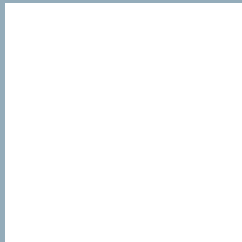
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3461, 0.2814, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 39.3461, 0.2814, 0.3090.



This preview shows how white text looks on a background with the Yxy color 39.3461, 0.2814, 0.3090.

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

39.3461, 0.2814, 0.3090

Protanopia

39.2718, 0.2994, 0.3070

Deuteranopia

39.2957, 0.3024, 0.2968



Tritanopia

39.3461, 0.2814, 0.3090

Trichromacy



Original Color

39.3461, 0.2814, 0.3090

Protanomaly

39.3102, 0.2926, 0.3080

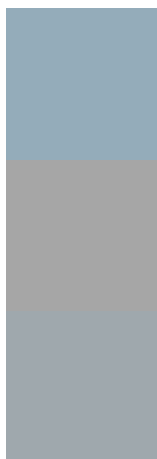
Deuteranomaly

39.2246, 0.2944, 0.3015

Tritanomaly

39.3461, 0.2814, 0.3090

Monochromacy



Original Color

39.3461, 0.2814, 0.3090

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.3933, 0.3005, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3461, 0.2814, 0.3090 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, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(148, 172, 186)  
}
```

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, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 172, 186) }
```

Border

The CSS property to change the border of an element to Yxy 39.3461, 0.2814, 0.3090 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, 172, 186) }
```

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

```
.border{ border-color:rgb(148, 172, 186) }
```

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

Here you see how a box with a 4 pixel rgb(148, 172, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(148, 172,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3461, 0.2814, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 172, 186) }
```

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

```
.background{ background-color: rgb(148,  
172, 186) }
```

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