

Converting Colors

$Yxy(38.8653, 0.2917, 0.2907)$

Have a look what the booklet for
Yxy(38.8653, 0.2917, 0.2907)
contains.

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Color

Yxy(38.9760, 0.2914, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	A7A5C1
RGB	167, 165, 193
RGB Percent	65%, 65%, 76%
CMY	0.3450, 0.3529, 0.2433
CMYK	0.13, 0.14, 0.00, 0.24
HSL	244°, 18%, 70%
HSV	244°, 14%, 76%
XYZ	39.0162, 38.9760, 55.9000
YIQ	168.7900, -7.7960, 9.1320

Conversions

Conversions Part 2

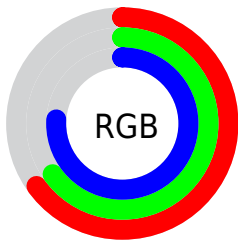
Format	Color
RYB	167, 165, 193
Decimal	10986945
CIELab	68.73, 6.36, -14.05
CIElCh	69, 15.426, 294.367
Yxy	38.9760, 0.2914, 0.2911
Android (android.graphics.Color)	4289177025 (0xFFA7A5C1)
YUV	168.7900, 11.9355, -1.5698
Hunter-Lab	62.4308, 2.2999, -9.3862

Details

The Yxy color **38.9760, 0.2914, 0.2911** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.9139, 0.3324, 0.3646**, and the grayscale version is **39.5109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5555, 0.2956, 0.2986**, and **17.3192, 0.2854, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **30.7158, 0.2743, 0.2611**, and if you desaturate by 10%, it is **48.5598, 0.3066, 0.3180**.

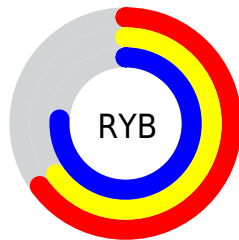
Distribution



Red (65%)

Green (65%)

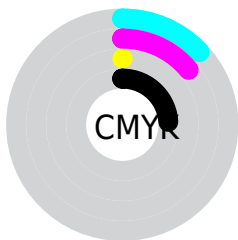
Blue (76%)



Red (65%)

Yellow (65%)

Blue (76%)

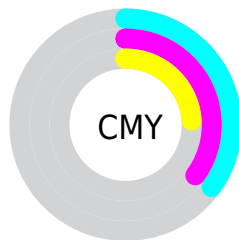


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9760, 0.2914, 0.2911 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 38.9760, 0.2914, 0.2911 by changing the saturation by 10% instead.

■ 38.9760, 0.2914,
0.2911

■ 38.9760, 0.2914,
0.2911

■ 341.7884, 0.3024,
0.3103

■ 26.7411, 0.2885,
0.2863

■ 73.6017, 0.2955,
0.2981

■ 17.3788, 0.2848,
0.2800

■ 96.7612, 0.2970,
0.3007

■ 10.5050, 0.2797,
0.2717

■ 124.3310, 0.2983,
0.3029

■ 5.7350, 0.2724,
0.2600

■ 156.6955, 0.2993,
0.3048

■ 2.6846, 0.2610,
0.2424

■ 194.2391, 0.3003,
0.3064

■ 0.9694, 0.2412,
0.2132

■ 237.3462, 0.3011,

■ 0.0000, 0.0260,

0.3079

0.0000

286.4012, 0.3018,
0.3091

0.0000, 0.0000,
0.0000

38.9760, 0.2914,
0.2911

38.9760, 0.2914,
0.2911

30.7158, 0.2743,
0.2611

48.5598, 0.3066,
0.3180

23.7166, 0.2554,
0.2284

59.5169, 0.3198,
0.3416

17.9175, 0.2353,
0.1939

71.8999, 0.3311,
0.3623

13.2512, 0.2147,
0.1594

85.7577, 0.3409,
0.3801

9.6434, 0.1950,
0.1269

96.6289, 0.3496,
0.3900

■ 7.0110, 0.1777,
0.0992

■ 5.2585, 0.1642,
0.0783

■ 4.2707, 0.1553,
0.0656

■ 3.9412, 0.1521,
0.0612

Harmonies

Analogous

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



38.9760, 0.2754, 0.2934



38.9760, 0.2914, 0.2911



38.9760, 0.3136, 0.2981

Triad

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



38.9760, 0.2914, 0.2911



38.9760, 0.3582, 0.3504



38.9760, 0.2890, 0.3459

Complementary

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



38.9760, 0.2914, 0.2911



51.9139, 0.3324, 0.3646

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.



38.9760, 0.3106, 0.3629



38.9760, 0.2914, 0.2911



38.9760, 0.3509, 0.3646

Square

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



38.9760, 0.2914, 0.2911



38.9760, 0.3528, 0.3314



38.9760, 0.3333, 0.3696



38.9760, 0.2741, 0.3244

Rectangle

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



38.9760, 0.2914, 0.2911



38.9760, 0.3290, 0.3072



38.9760, 0.3333, 0.3696



38.9760, 0.2957, 0.3524

Sweetspot

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



38.9776, 0.2914, 0.2911



87.7939, 0.3072, 0.3191



49.1558, 0.2909, 0.3265



18.5350, 0.3061, 0.3171



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.



38.9776, 0.2914, 0.2911



65.4946, 0.2868, 0.2831



40.5663, 0.3035, 0.2925



9.7818, 0.2994, 0.3053



2.6358, 0.1526, 0.0614



0.1260, 0.1621, 0.0667

Inverse Universe

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



42.0049, 0.3161, 0.2961



71.8394, 0.3168, 0.2897



50.2044, 0.3208, 0.3660



10.2346, 0.3148, 0.3079



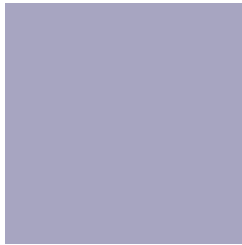
9.7140, 0.3396, 0.1645



0.4235, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 38.9760, 0.2914, 0.2911 looks on a white background.

Color Contrast Check

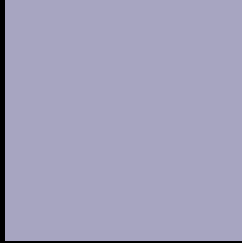
Large Text (above 18pt) WCAG AA × Fail

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 38.9760, 0.2914, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

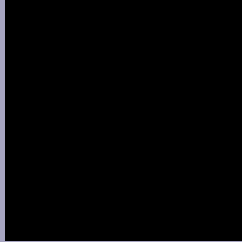
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9760, 0.2914, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 38.9760, 0.2914, 0.2911.



This preview shows how white text looks on a background with the Yxy color 38.9760, 0.2914, 0.2911.

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

38.9760, 0.2914, 0.2911

Protanopia

38.9540, 0.2872, 0.2908

Deuteranopia

38.8153, 0.2957, 0.2888



Tritanopia

38.9321, 0.3001, 0.3109

Trichromacy



Original Color

38.9760, 0.2914, 0.2911

Protanomaly

39.0600, 0.2881, 0.2909

Deuteranomaly

38.9472, 0.2939, 0.2900

Tritanomaly

38.8822, 0.2969, 0.3028

Monochromacy



Original Color

38.9760, 0.2914, 0.2911

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5444, 0.3043, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9760, 0.2914, 0.2911 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(167, 165, 193)` looks like.

```
.text, #text, p{  
    color:rgb(167, 165, 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(167, 165, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 165, 193) }
```

Border

The CSS property to change the border of an element to Yxy 38.9760, 0.2914, 0.2911 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(167, 165, 193) }
```

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

```
.border{ border-color:rgb(167, 165, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 165, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 165, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 165, 193);  
box-shadow:4px 4px 4px 4px rgb(167, 165,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9760, 0.2914, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 165, 193) }
```

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

```
.background{ background-color: rgb(167,  
165, 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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