

Converting Colors

$Yxy(38.9646, 0.2981, 0.2864)$

Have a look what the booklet for
Yxy(38.9646, 0.2981, 0.2864)
contains.

Yxy(38.9658, 0.2984, 0.2866)	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(38.9658, 0.2984, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	B0A2C2
RGB	176, 162, 194
RGB Percent	69%, 64%, 76%
CMY	0.3096, 0.3647, 0.2392
CMYK	0.09, 0.17, 0.00, 0.24
HSL	266°, 21%, 70%
HSV	266°, 17%, 76%
XYZ	40.5701, 38.9658, 56.4229
YIQ	169.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

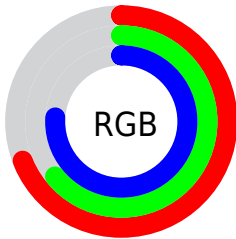
Format	Color
R_{YB}	176, 162, 194
Decimal	11576002
CIE _{Lab}	68.73, 11.27, -14.56
CIE _{LCh}	69, 18.412, 307.725
Yxy	38.9658, 0.2984, 0.2866
Android (android.graphics.Color)	4289766082 (0xFFB0A2C2)
YUV	169.8340, 11.9138, 5.4076
Hunter-Lab	62.4226, 6.7724, -9.8956

Details

The Yxy color **38.9658, 0.2984, 0.2866** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.8898, 0.3253, 0.3710**, and the grayscale version is **40.0552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7465, 0.3011, 0.2941**, and **17.2563, 0.2938, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **31.4338, 0.2879, 0.2582**, and if you desaturate by 10%, it is **47.6571, 0.3075, 0.3130**.

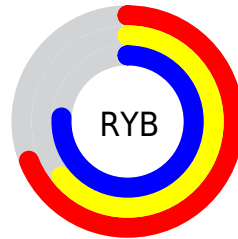
Distribution



Red (69%)

Green (64%)

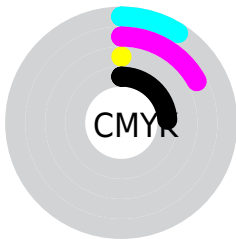
Blue (76%)



Red (69%)

Yellow (64%)

Blue (76%)

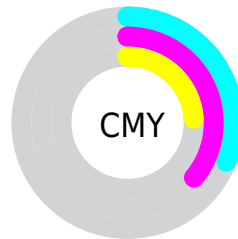


Cyan (9%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (31%)


Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9658, 0.2984, 0.2866 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 38.9658, 0.2984, 0.2866 by changing the saturation by 10% instead.


 38.9658, 0.2984,
0.2866

 38.9658, 0.2984,
0.2866

341.7451, 0.3059,
0.3079

 26.7331, 0.2964,
0.2813


 73.5861, 0.3012,
0.2943

 17.3729, 0.2938,
0.2745


 96.7425, 0.3023,
0.2972

 10.5007, 0.2901,
0.2654


124.3089, 0.3031,
0.2997

 5.7322, 0.2849,
0.2527

156.6697, 0.3039,
0.3018

 2.6829, 0.2765,
0.2340

194.2093, 0.3045,
0.3036

 0.9685, 0.2615,
0.2035

237.3122, 0.3050,

 0.0000, 0.1402,

0.3052

0.0000

286.3626, 0.3055,
0.3066

0.0000, 0.0000,
0.0000

38.9658, 0.2984,
0.2866

38.9658, 0.2984,
0.2866

31.4338, 0.2879,
0.2582

47.6571, 0.3075,
0.3130

25.0057, 0.2760,
0.2284

57.5503, 0.3153,
0.3372

19.6288, 0.2629,
0.1980

68.6915, 0.3219,
0.3590

15.2438, 0.2488,
0.1683

81.1233, 0.3274,
0.3786

11.7856, 0.2343,
0.1409

92.3134, 0.3326,
0.3923

■ 9.1808, 0.2199,
0.1172

■ 94.1751, 0.3398,
0.3908

■ 7.3445, 0.2065,
0.0988

■ 96.1512, 0.3471,
0.3893

■ 6.1661, 0.1946,
0.0861

■ 96.6752, 0.3490,
0.3890

■ 5.8353, 0.1907,
0.0824

Harmonies

Analogous

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



38.9658, 0.2756, 0.2841



38.9658, 0.2984, 0.2866



38.9658, 0.3261, 0.2992

Triad

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



38.9658, 0.2984, 0.2866



38.9658, 0.3650, 0.3628



38.9658, 0.2753, 0.3378

Complementary

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



38.9658, 0.2984, 0.2866



50.8898, 0.3253, 0.3710

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.



38.9658, 0.2980, 0.3618



38.9658, 0.2984, 0.2866



38.9658, 0.3500, 0.3758

Square

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



38.9658, 0.2984, 0.2866



38.9658, 0.3654, 0.3419



38.9658, 0.3253, 0.3760



38.9658, 0.2627, 0.3123

Rectangle

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



38.9658, 0.2984, 0.2866



38.9658, 0.3435, 0.3118



38.9658, 0.3253, 0.3760



38.9658, 0.2820, 0.3464

Sweetspot

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



38.9674, 0.2984, 0.2866



88.7546, 0.3087, 0.3166



44.2705, 0.2872, 0.3103



19.1687, 0.3081, 0.3148



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.



38.9674, 0.2984, 0.2866



65.1473, 0.2946, 0.2760



40.9213, 0.3127, 0.2884



9.9595, 0.3050, 0.3057



3.8832, 0.1921, 0.0832



0.2085, 0.2179, 0.0974

Inverse Universe

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



40.5995, 0.3271, 0.3060



68.7307, 0.3310, 0.3004



49.0987, 0.3124, 0.3727



10.1704, 0.3203, 0.3162



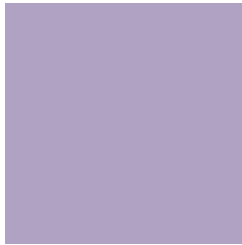
8.2808, 0.4683, 0.2353



0.3715, 0.4268, 0.2125

Previews

White Background



This preview shows how the Yxy color 38.9658, 0.2984, 0.2866 looks on a white background.

Color Contrast Check

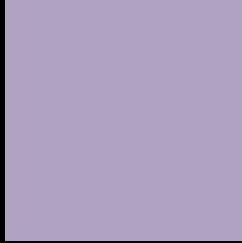
Large Text (above 18pt) WCAG AA × Fail

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 38.9658, 0.2984, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

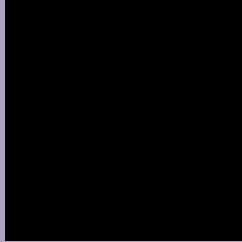
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9658, 0.2984, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 38.9658, 0.2984, 0.2866.



This preview shows how white text looks on a background with the Yxy color 38.9658, 0.2984, 0.2866.

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

38.9658, 0.2984, 0.2866

Protanopia

38.9850, 0.2841, 0.2868

Deuteranopia

39.2166, 0.2949, 0.2889



Tritanopia

39.0089, 0.3090, 0.3112

Trichromacy



Original Color

38.9658, 0.2984, 0.2866

Protanomaly

39.1113, 0.2890, 0.2872

Deuteranomaly

38.9737, 0.2957, 0.2876

Tritanomaly

39.0103, 0.3048, 0.3020

Monochromacy



Original Color

38.9658, 0.2984, 0.2866

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6628, 0.3071, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9658, 0.2984, 0.2866 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(176, 162, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 194)  
}
```

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(176, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 194) }
```

Border

The CSS property to change the border of an element to Yxy 38.9658, 0.2984, 0.2866 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(176, 162, 194) }
```

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

```
.border{ border-color:rgb(176, 162, 194) }
```

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

Here you see how a box with a 4 pixel rgb(176, 162, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 194);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9658, 0.2984, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 194) }
```

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

```
.background{ background-color: rgb(176,  
162, 194) }
```

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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