

Converting Colors

$Yxy(38.9093, 0.3006, 0.2794)$

Have a look what the booklet for
Yxy(38.9093, 0.3006, 0.2794)
contains.

Yxy(38.8186, 0.3004, 0.2784)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.8186, 0.3004, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	B69FC6
RGB	182, 159, 198
RGB Percent	71%, 62%, 78%
CMY	0.2863, 0.3765, 0.2234
CMYK	0.08, 0.20, 0.00, 0.22
HSL	275°, 26%, 70%
HSV	275°, 20%, 78%
XYZ	41.8862, 38.8186, 58.7299
YIQ	170.3230, 1.1890, 17.0050

Conversions

Conversions Part 2

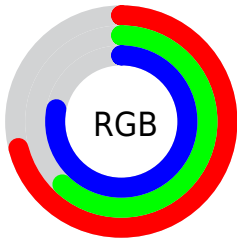
Format	Color
R_{YB}	182, 159, 198
Decimal	11968454
CIE _{Lab}	68.62, 15.75, -16.91
CIE _{LCh}	69, 23.109, 312.977
Yxy	38.8186, 0.3004, 0.2784
Android (android.graphics.Color)	4290158534 (0xFFB69FC6)
YUV	170.3230, 13.6448, 10.2407
Hunter-Lab	62.3046, 10.9691, -12.2750

Details

The Yxy color **38.8186, 0.3004, 0.2784** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.0227, 0.3230, 0.3806**, and the grayscale version is **40.2997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4903, 0.3027, 0.2876**, and **17.1961, 0.2966, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **31.5849, 0.2926, 0.2505**, and if you desaturate by 10%, it is **47.2042, 0.3071, 0.3049**.

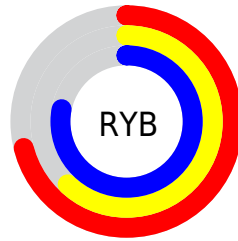
Distribution



Red (71%)

Green (62%)

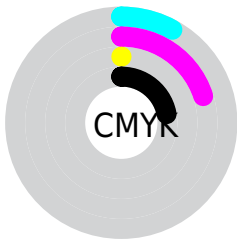
Blue (78%)



Red (71%)

Yellow (62%)

Blue (78%)

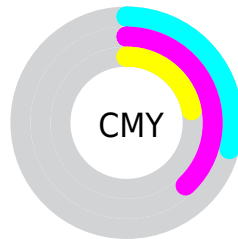


Cyan (8%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (29%)


Magenta (38%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8186, 0.3004, 0.2784 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 38.8186, 0.3004, 0.2784 by changing the saturation by 10% instead.


 38.8186, 0.3004,
0.2784

 38.8186, 0.3004,
0.2784

341.1186, 0.3070,
0.3036

 26.6186, 0.2986,
0.2722


 73.3611, 0.3029,
0.2875

 17.2870, 0.2962,
0.2642


 96.4725, 0.3038,
0.2909

 10.4393, 0.2929,
0.2537


123.9897, 0.3046,
0.2938

 5.6912, 0.2880,
0.2392

156.2973, 0.3052,
0.2963

 2.6582, 0.2801,
0.2181

193.7796, 0.3058,
0.2985

 0.9560, 0.2658,
0.1846

236.8210, 0.3063,

 0.0000, 0.1906,

0.3004

0.0000

285.8059, 0.3067,
0.3021

■ 0.0000, 0.0000,
0.0000

■ 38.8186, 0.3004,
0.2784

■ 38.8186, 0.3004,
0.2784

■ 31.5849, 0.2926,
0.2505

■ 47.2042, 0.3071,
0.3049

■ 25.4453, 0.2837,
0.2220

■ 56.7861, 0.3129,
0.3297

■ 20.3443, 0.2739,
0.1939

■ 67.6123, 0.3177,
0.3525

■ 16.2198, 0.2633,
0.1672

■ 79.7267, 0.3216,
0.3732

■ 13.0022, 0.2523,
0.1435

■ 91.2326, 0.3252,
0.3890

10.6130, 0.2412,
0.1239

92.5527, 0.3305,
0.3880

8.9592, 0.2306,
0.1092

93.9356, 0.3359,
0.3870

7.8702, 0.2207,
0.0991

95.3822, 0.3413,
0.3860

7.8415, 0.2204,
0.0988

96.8587, 0.3466,
0.3850

Harmonies

Analogous

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



38.8186, 0.2705, 0.2727



38.8186, 0.3004, 0.2784



38.8186, 0.3353, 0.2957

Triad

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



38.8186, 0.3004, 0.2784



38.8186, 0.3762, 0.3746



38.8186, 0.2622, 0.3340

Complementary

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



38.8186, 0.3004, 0.2784



52.0227, 0.3230, 0.3806

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.



38.8186, 0.2884, 0.3660



38.8186, 0.3004, 0.2784



38.8186, 0.3544, 0.3893

Square

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



38.8186, 0.3004, 0.2784



38.8186, 0.3805, 0.3494



38.8186, 0.3221, 0.3868



38.8186, 0.2494, 0.3025

Rectangle

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



38.8186, 0.3004, 0.2784



38.8186, 0.3565, 0.3120



38.8186, 0.3221, 0.3868



38.8186, 0.2697, 0.3452

Sweetspot

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



38.8202, 0.3004, 0.2784



89.4517, 0.3093, 0.3141



42.2117, 0.2816, 0.2982



18.9109, 0.3089, 0.3125



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.



38.8202, 0.3004, 0.2784



62.5165, 0.2969, 0.2656



40.7360, 0.3178, 0.2844



10.5912, 0.3073, 0.3058



5.1488, 0.2217, 0.0995



0.2854, 0.2422, 0.1108

Inverse Universe

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



39.9020, 0.3359, 0.3086



64.8653, 0.3427, 0.3035



50.3911, 0.3079, 0.3780



10.7079, 0.3226, 0.3196



8.2130, 0.5312, 0.2700



0.4032, 0.4770, 0.2402

Previews

White Background



This preview shows how the Yxy color 38.8186, 0.3004, 0.2784 looks on a white background.

Color Contrast Check

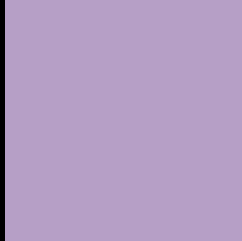
Large Text (above 18pt) WCAG AA × Fail

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 38.8186, 0.3004, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

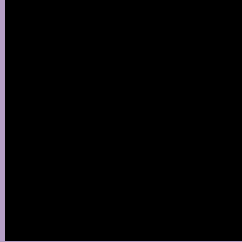
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8186, 0.3004, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 38.8186, 0.3004, 0.2784.



This preview shows how white text looks on a background with the Yxy color 38.8186, 0.3004, 0.2784.

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

38.8186, 0.3004, 0.2784

Protanopia

38.9552, 0.2772, 0.2790

Deuteranopia

39.0172, 0.2899, 0.2848



Tritanopia

38.9127, 0.3163, 0.3115

Trichromacy



Original Color

38.8186, 0.3004, 0.2784

Protanomaly

38.6269, 0.2851, 0.2782

Deuteranomaly

38.8705, 0.2942, 0.2827

Tritanomaly

39.0047, 0.3104, 0.2997

Monochromacy



Original Color

38.8186, 0.3004, 0.2784

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5664, 0.3081, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8186, 0.3004, 0.2784 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(182, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 159, 198)  
}
```

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(182, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 159, 198) }
```

Border

The CSS property to change the border of an element to Yxy 38.8186, 0.3004, 0.2784 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(182, 159, 198) }
```

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

```
.border{ border-color:rgb(182, 159, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 159, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 159, 198);  
box-shadow:4px 4px 4px 4px rgb(182, 159,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8186, 0.3004, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 159, 198) }
```

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

```
.background{ background-color: rgb(182,  
159, 198) }
```

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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