

Converting Colors

$Yxy(38.7374, 0.3189, 0.2906)$

Have a look what the booklet for
Yxy(38.7374, 0.3189, 0.2906)
contains.

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Color

Yxy(38.7782, 0.3183, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	BF9DBB
RGB	191, 157, 187
RGB Percent	75%, 62%, 73%
CMY	0.2511, 0.3842, 0.2667
CMYK	0.00, 0.18, 0.02, 0.25
HSL	307°, 21%, 68%
HSV	307°, 18%, 75%
XYZ	42.5038, 38.7782, 52.2518
YIQ	170.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

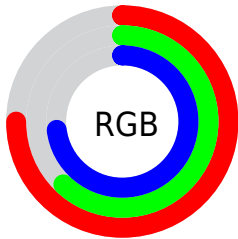
Format	Color
RYB	191, 157, 187
Decimal	12557755
CIELab	68.59, 17.74, -10.74
CIELCh	69, 20.738, 328.817
Yxy	38.7782, 0.3183, 0.2904
Android (android.graphics.Color)	4290747835 (0xFFBF9DBB)
YUV	170.5860, 8.0921, 17.9031
Hunter-Lab	62.2721, 12.8587, -6.1590

Details

The Yxy color $38.7782, 0.3183, 0.2904$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $46.9874, 0.3076, 0.3709$, and the grayscale version is $40.4602, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5145, 0.3178, 0.2979$, and $17.3477, 0.3190, 0.2799$ is the 20% darker color. If you saturate the color by 10%, you get $32.7193, 0.3220, 0.2682$, and if you desaturate by 10%, it is $45.8519, 0.3150, 0.3124$.

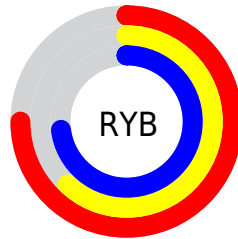
Distribution



Red (75%)

Green (62%)

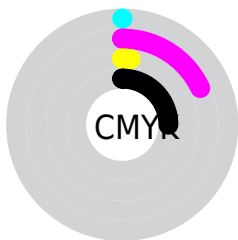
Blue (73%)



Red (75%)

Yellow (62%)

Blue (73%)

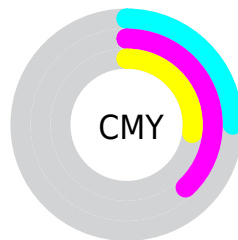


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7782, 0.3183, 0.2904 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 38.7782, 0.3183, 0.2904 by changing the saturation by 10% instead.


 38.7782, 0.3183,
0.2904


 38.7782, 0.3183,
0.2904


340.9466, 0.3157,
0.3097

 26.5872, 0.3189,
0.2856


 73.2994, 0.3174,
0.2974

 17.2635, 0.3196,
0.2794


 96.3983, 0.3170,
0.3000

 10.4225, 0.3205,
0.2712


123.9021, 0.3167,
0.3023

 5.6800, 0.3217,
0.2597

156.1950, 0.3165,
0.3042

 2.6515, 0.3232,
0.2427

193.6616, 0.3162,
0.3058

 0.9526, 0.3248,
0.2148

236.6861, 0.3160,

 0.0000, 0.3290,

0.3073

0.0000

285.6529, 0.3158,
0.3086

0.0000, 0.0000,
0.0000

38.7782, 0.3183,
0.2904

38.7782, 0.3183,
0.2904

32.7193, 0.3220,
0.2682

45.8519, 0.3150,
0.3124

27.6233, 0.3260,
0.2464

53.9791, 0.3121,
0.3336

23.4415, 0.3303,
0.2259

63.2025, 0.3096,
0.3538

20.1188, 0.3348,
0.2077

73.5612, 0.3074,
0.3726

17.5942, 0.3393,
0.1926

85.0923, 0.3055,
0.3900

■ 15.7987, 0.3438,
0.1815

■ 86.7798, 0.3042,
0.3899

■ 14.6516, 0.3481,
0.1748

■ 86.8853, 0.3030,
0.3873

■ 14.0324, 0.3520,
0.1721

■ 86.9924, 0.3018,
0.3848

■ 13.9214, 0.3529,
0.1718

■ 87.1010, 0.3006,
0.3822

Harmonies

Analogous

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



38.7782, 0.2880, 0.2794



38.7782, 0.3183, 0.2904



38.7782, 0.3484, 0.3105

Triad

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



38.7782, 0.3183, 0.2904



38.7782, 0.3611, 0.3786



38.7782, 0.2594, 0.3181

Complementary

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



38.7782, 0.3183, 0.2904



46.9874, 0.3076, 0.3709

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.



38.7782, 0.2772, 0.3476



38.7782, 0.3183, 0.2904



38.7782, 0.3357, 0.3839

Square

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



38.7782, 0.3183, 0.2904



38.7782, 0.3737, 0.3604



38.7782, 0.3049, 0.3726



38.7782, 0.2552, 0.2936

Rectangle

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



38.7782, 0.3183, 0.2904



38.7782, 0.3637, 0.3270



38.7782, 0.3049, 0.3726



38.7782, 0.2639, 0.3278

Sweetspot

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



38.7799, 0.3183, 0.2904



85.8924, 0.3142, 0.3182



35.4563, 0.2874, 0.2818



18.6417, 0.3144, 0.3167



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.



38.7799, 0.3183, 0.2904



65.4176, 0.3196, 0.2825



38.0960, 0.3340, 0.3119



9.6765, 0.3155, 0.3090



9.1610, 0.3524, 0.1715



0.3644, 0.3439, 0.1668

Inverse Universe

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



38.7799, 0.3183, 0.2904



65.4176, 0.3196, 0.2825



47.6268, 0.2953, 0.3468



9.6765, 0.3155, 0.3090



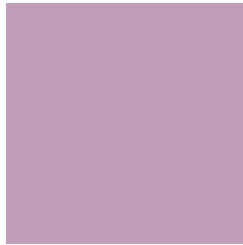
9.1610, 0.3524, 0.1715



0.3644, 0.3439, 0.1668

Previews

White Background



This preview shows how the Yxy color 38.7782, 0.3183, 0.2904 looks on a white background.

Color Contrast Check

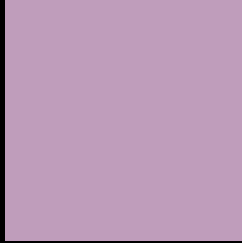
Large Text (above 18pt) WCAG AA × Fail

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 38.7782, 0.3183, 0.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

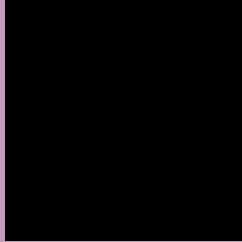
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7782, 0.3183, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 38.7782, 0.3183, 0.2904.



This preview shows how white text looks on a background with the Yxy color 38.7782, 0.3183, 0.2904.

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

38.7782, 0.3183, 0.2904

Protanopia

38.9092, 0.2880, 0.2921

Deuteranopia

38.8535, 0.3041, 0.2981



Tritanopia

38.9390, 0.3298, 0.3132

Trichromacy



Original Color

38.7782, 0.3183, 0.2904

Protanomaly

38.8402, 0.2982, 0.2914

Deuteranomaly

38.8587, 0.3096, 0.2959

Tritanomaly

38.9177, 0.3263, 0.3055

Monochromacy



Original Color

38.7782, 0.3183, 0.2904

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9117, 0.3143, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7782, 0.3183, 0.2904 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(191, 157, 187)` looks like.

```
.text, #text, p{  
    color:rgb(191, 157, 187)  
}
```

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(191, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 157, 187) }
```

Border

The CSS property to change the border of an element to Yxy 38.7782, 0.3183, 0.2904 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(191, 157, 187) }
```

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

```
.border{ border-color:rgb(191, 157, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 157, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 157, 187);  
box-shadow:4px 4px 4px 4px rgb(191, 157,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7782, 0.3183, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 157, 187) }
```

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

```
.background{ background-color: rgb(191,  
157, 187) }
```

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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