

Converting Colors

$Yxy(38.9317, 0.3230, 0.2944)$

Have a look what the booklet for
Yxy(38.9317, 0.3230, 0.2944)
contains.

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Color

Yxy(38.9121, 0.3230, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	C19DB8
RGB	193, 157, 184
RGB Percent	76%, 62%, 72%
CMY	0.2430, 0.3843, 0.2785
CMYK	0.00, 0.19, 0.05, 0.24
HSL	315°, 23%, 69%
HSV	315°, 19%, 76%
XYZ	42.7068, 38.9121, 50.6003
YIQ	170.8420, 12.7890, 16.0290

Conversions

Conversions Part 2

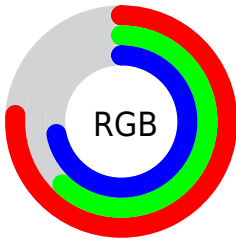
Format	Color
R _{YB}	193, 157, 184
Decimal	12688824
CIE Lab	68.69, 17.93, -8.90
CIE LCh	69, 20.018, 333.595
Yxy	38.9121, 0.3230, 0.2943
Android (android.graphics.Color)	4290878904 (0xFFC19DB8)
YUV	170.8420, 6.4869, 19.4326
Hunter-Lab	62.3796, 13.0418, -4.4284

Details

The Yxy color **38.9121, 0.3230, 0.2943** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.0784, 0.3038, 0.3664**, and the grayscale version is **40.6054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7022, 0.3213, 0.3009**, and **17.2308, 0.3257, 0.2835** is the 20% darker color. If you saturate the color by 10%, you get **32.6904, 0.3298, 0.2750**, and if you desaturate by 10%, it is **46.1761, 0.3171, 0.3132**.

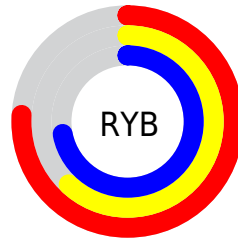
Distribution



Red (76%)

Green (62%)

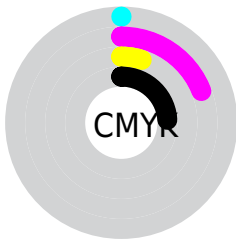
Blue (72%)



Red (76%)

Yellow (62%)

Blue (72%)

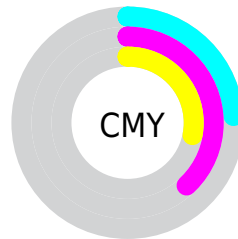


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9121, 0.3230, 0.2943 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 38.9121, 0.3230, 0.2943 by changing the saturation by 10% instead.


 38.9121, 0.3230,
0.2943


 38.9121, 0.3230,
0.2943


341.5166, 0.3179,
0.3117

 26.6914, 0.3242,
0.2899


 73.5040, 0.3212,
0.3006

 17.3416, 0.3258,
0.2843


 96.6440, 0.3205,
0.3030

 10.4783, 0.3279,
0.2769


124.1925, 0.3199,
0.3050

 5.7172, 0.3308,
0.2665

156.5339, 0.3194,
0.3067

 2.6739, 0.3349,
0.2509

194.0526, 0.3190,
0.3082

 0.9640, 0.3414,
0.2252

237.1330, 0.3186,

 0.0000, 0.3923,

0.3095

0.0000

286.1596, 0.3182,
0.3107

■ 0.0000, 0.0000,
0.0000

■ 38.9121, 0.3230,
0.2943

■ 38.9121, 0.3230,
0.2943

■ 32.6904, 0.3298,
0.2750

■ 46.1761, 0.3171,
0.3132

■ 27.4575, 0.3375,
0.2560

■ 54.5225, 0.3121,
0.3314

■ 23.1629, 0.3461,
0.2381

■ 63.9955, 0.3078,
0.3485

■ 19.7493, 0.3555,
0.2221

■ 74.6355, 0.3042,
0.3644

■ 17.1535, 0.3655,
0.2092

■ 86.4806, 0.3012,
0.3792

■ 15.3036, 0.3757,
0.2002

■ 87.6697, 0.2986,
0.3752

■ 14.1152, 0.3858,
0.1959

■ 87.9196, 0.2960,
0.3696

■ 13.4491, 0.3956,
0.1959

■ 88.1770, 0.2934,
0.3642

■ 13.3736, 0.3969,
0.1960

■ 88.4418, 0.2909,
0.3587

Harmonies

Analogous

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



38.9121, 0.2932, 0.2820



38.9121, 0.3230, 0.2943



38.9121, 0.3511, 0.3148

Triad

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



38.9121, 0.3230, 0.2943



38.9121, 0.3562, 0.3787



38.9121, 0.2596, 0.3143

Complementary

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



38.9121, 0.3230, 0.2943



48.0784, 0.3038, 0.3664

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.



38.9121, 0.2749, 0.3425



38.9121, 0.3230, 0.2943



38.9121, 0.3303, 0.3812

Square

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



38.9121, 0.3230, 0.2943



38.9121, 0.3706, 0.3628



38.9121, 0.3006, 0.3678



38.9121, 0.2578, 0.2921

Rectangle

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



38.9121, 0.3230, 0.2943



38.9121, 0.3646, 0.3311



38.9121, 0.3006, 0.3678



38.9121, 0.2633, 0.3234

Sweetspot

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



38.9138, 0.3230, 0.2943



86.3305, 0.3157, 0.3180



36.0705, 0.2901, 0.2797



18.3179, 0.3161, 0.3168



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.



38.9138, 0.3230, 0.2943



65.3626, 0.3254, 0.2872



38.2069, 0.3399, 0.3172



10.2029, 0.3175, 0.3119



8.9046, 0.3957, 0.1954



0.3953, 0.3756, 0.1843

Inverse Universe

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



38.9138, 0.3230, 0.2943



65.3626, 0.3254, 0.2872



48.7855, 0.2911, 0.3411



10.2029, 0.3175, 0.3119



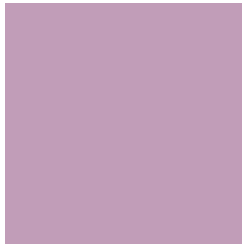
8.9046, 0.3957, 0.1954



0.3953, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 38.9121, 0.3230, 0.2943 looks on a white background.

Color Contrast Check

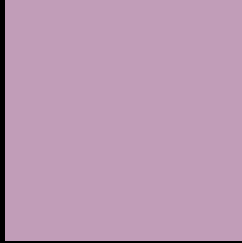
Large Text (above 18pt) WCAG AA × Fail

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 38.9121, 0.3230, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

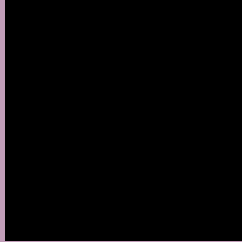
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9121, 0.3230, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 38.9121, 0.3230, 0.2943.



This preview shows how white text looks on a background with the Yxy color 38.9121, 0.3230, 0.2943.

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

38.9121, 0.3230, 0.2943

Protanopia

39.2477, 0.2912, 0.2975

Deuteranopia

38.9604, 0.3084, 0.3021



Tritanopia

38.8512, 0.3319, 0.3120

Trichromacy



Original Color

38.9121, 0.3230, 0.2943

Protanomaly

38.9392, 0.3024, 0.2955

Deuteranomaly

38.9759, 0.3141, 0.2999

Tritanomaly

38.7948, 0.3293, 0.3056

Monochromacy



Original Color

38.9121, 0.3230, 0.2943

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9907, 0.3161, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9121, 0.3230, 0.2943 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(193, 157, 184)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 184)  
}
```

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(193, 157, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 184) }
```

Border

The CSS property to change the border of an element to Yxy 38.9121, 0.3230, 0.2943 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(193, 157, 184) }
```

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

```
.border{ border-color:rgb(193, 157, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 157, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9121, 0.3230, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 184) }
```

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

```
.background{ background-color: rgb(193,  
157, 184) }
```

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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