

Converting Colors

$Yxy(38.4025, 0.3174, 0.2966)$

Have a look what the booklet for
Yxy(38.4025, 0.3174, 0.2966)
contains.

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Color

Yxy(38.3117, 0.3171, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	BA9EB7
RGB	186, 158, 183
RGB Percent	73%, 62%, 72%
CMY	0.2705, 0.3804, 0.2822
CMYK	0.00, 0.15, 0.02, 0.27
HSL	306°, 17%, 67%
HSV	306°, 15%, 73%
XYZ	41.0288, 38.3117, 50.0472
YIQ	169.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

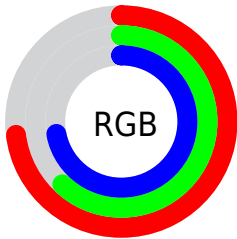
Format	Color
R _Y B	186, 158, 183
Decimal	12230327
CIE Lab	68.25, 14.73, -9.09
CIE LCh	68, 17.313, 328.327
Yxy	38.3117, 0.3171, 0.2961
Android (android.graphics.Color)	4290420407 (0xFFBA9EB7)
YUV	169.2220, 6.7926, 14.7143
Hunter-Lab	61.8964, 10.0022, -4.6122

Details

The Yxy color **38.3117, 0.3171, 0.2961** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.9660, 0.3086, 0.3643**, and the grayscale version is **39.7564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6977, 0.3161, 0.3024**, and **17.1136, 0.3187, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **32.3587, 0.3204, 0.2737**, and if you desaturate by 10%, it is **45.2297, 0.3141, 0.3181**.

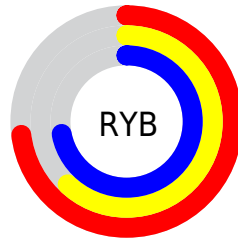
Distribution



Red (73%)

Green (62%)

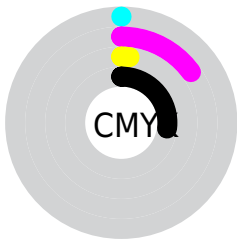
Blue (72%)



Red (73%)

Yellow (62%)

Blue (72%)

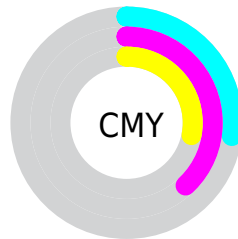


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3117, 0.3171, 0.2961 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 38.3117, 0.3171, 0.2961 by changing the saturation by 10% instead.


 38.3117, 0.3171,
0.2961


 38.3117, 0.3171,
0.2961


338.9552, 0.3150,
0.3127

 26.2247, 0.3176,
0.2919


 72.5856, 0.3164,
0.3022

 16.9918, 0.3182,
0.2865


 95.5414, 0.3161,
0.3044

 10.2287, 0.3189,
0.2793


122.8888, 0.3159,
0.3063

 5.5508, 0.3199,
0.2692

155.0123, 0.3156,
0.3080

 2.5739, 0.3211,
0.2540

192.2963, 0.3155,
0.3094

 0.9136, 0.3226,
0.2285

235.1252, 0.3153,

 0.0000, 0.2925,

0.3106

0.0000

283.8834, 0.3152,
0.3117

■ 0.0000, 0.0000,
0.0000

■ 38.3117, 0.3171,
0.2961

■ 38.3117, 0.3171,
0.2961

■ 32.3587, 0.3204,
0.2737

■ 45.2297, 0.3141,
0.3181

■ 27.3226, 0.3241,
0.2515

■ 53.1481, 0.3115,
0.3393

■ 23.1588, 0.3281,
0.2304

■ 62.1065, 0.3091,
0.3593

■ 19.8170, 0.3322,
0.2114

■ 72.1409, 0.3071,
0.3780

■ 17.2417, 0.3363,
0.1953

■ 83.2856, 0.3054,
0.3952

■ 15.3705, 0.3405,
0.1829

■ 85.8981, 0.3043,
0.3968

■ 14.1314, 0.3444,
0.1748

■ 85.9884, 0.3032,
0.3945

■ 13.4364, 0.3480,
0.1710

■ 86.0799, 0.3021,
0.3922

■ 13.2010, 0.3498,
0.1700

■ 86.1726, 0.3011,
0.3899

Harmonies

Analogous

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



38.3117, 0.2916, 0.2869



38.3117, 0.3171, 0.2961



38.3117, 0.3423, 0.3132

Triad

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



38.3117, 0.3171, 0.2961



38.3117, 0.3537, 0.3706



38.3117, 0.2679, 0.3205

Complementary

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



38.3117, 0.3171, 0.2961



44.9660, 0.3086, 0.3643

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.



38.3117, 0.2832, 0.3450



38.3117, 0.3171, 0.2961



38.3117, 0.3326, 0.3748

Square

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



38.3117, 0.3171, 0.2961



38.3117, 0.3638, 0.3554



38.3117, 0.3068, 0.3655



38.3117, 0.2641, 0.2998

Rectangle

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



38.3117, 0.3171, 0.2961



38.3117, 0.3551, 0.3272



38.3117, 0.3068, 0.3655



38.3117, 0.2718, 0.3286

Sweetspot

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



38.3134, 0.3171, 0.2961



81.9401, 0.3141, 0.3181



35.5540, 0.2912, 0.2897



17.8367, 0.3143, 0.3166



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.3134, 0.3171, 0.2961



65.7548, 0.3181, 0.2889



37.7655, 0.3298, 0.3140



9.1458, 0.3153, 0.3088



8.8861, 0.3493, 0.1698



0.3180, 0.3411, 0.1653

Inverse Universe

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



38.3134, 0.3171, 0.2961



65.7548, 0.3181, 0.2889



45.4810, 0.2983, 0.3445



9.1458, 0.3153, 0.3088



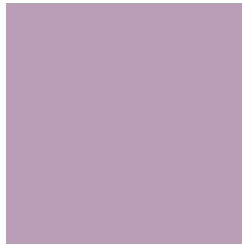
8.8861, 0.3493, 0.1698



0.3180, 0.3411, 0.1653

Previews

White Background



This preview shows how the Yxy color 38.3117, 0.3171, 0.2961 looks on a white background.

Color Contrast Check

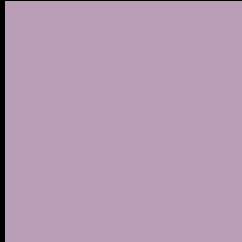
Large Text (above 18pt) WCAG AA × Fail

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 38.3117, 0.3171, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

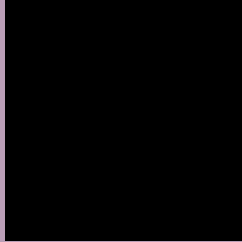
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3117, 0.3171, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 38.3117, 0.3171, 0.2961.



This preview shows how white text looks on a background with the Yxy color 38.3117, 0.3171, 0.2961.

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

38.3117, 0.3171, 0.2961

Protanopia

38.3276, 0.2919, 0.2972

Deuteranopia

38.3320, 0.3075, 0.3019



Tritanopia

38.3105, 0.3250, 0.3129

Trichromacy



Original Color

38.3117, 0.3171, 0.2961

Protanomaly

38.0438, 0.3005, 0.2963

Deuteranomaly

38.4508, 0.3112, 0.3008

Tritanomaly

38.2452, 0.3224, 0.3064

Monochromacy



Original Color

38.3117, 0.3171, 0.2961

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0802, 0.3142, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3117, 0.3171, 0.2961 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(186, 158, 183)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 183)  
}
```

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(186, 158, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 183) }
```

Border

The CSS property to change the border of an element to Yxy 38.3117, 0.3171, 0.2961 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(186, 158, 183) }
```

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

```
.border{ border-color:rgb(186, 158, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 183);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3117, 0.3171, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 183) }
```

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

```
.background{ background-color: rgb(186,  
158, 183) }
```

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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