

Converting Colors

$Y_{xy}(40.0480, 0.3214, 0.3121)$

Have a look what the booklet for
Yxy(40.0480, 0.3214, 0.3121)
contains.

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Color

Yxy(40.0395, 0.3210, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	B9A4B1
RGB	185, 164, 177
RGB Percent	73%, 64%, 69%
CMY	0.2745, 0.3569, 0.3059
CMYK	0.00, 0.11, 0.04, 0.27
HSL	323°, 13%, 68%
HSV	323°, 11%, 73%
XYZ	41.2209, 40.0395, 47.1536
YIQ	171.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

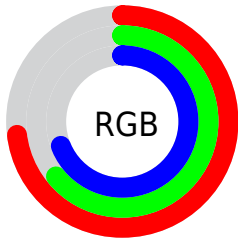
Format	Color
RYB	185, 164, 177
Decimal	12166321
CIELab	69.50, 9.94, -3.91
CIELCh	69, 10.683, 338.560
Yxy	40.0395, 0.3210, 0.3118
Android (android.graphics.Color)	4290356401 (0xFFB9A4B1)
YUV	171.7610, 2.5828, 11.6106
Hunter-Lab	63.2768, 5.5474, 0.1110

Details

The Yxy color $40.0395, 0.3210, 0.3118$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.5735, 0.3052, 0.3468$, and the grayscale version is $41.1129, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2470, 0.3191, 0.3146$, and $17.9491, 0.3243, 0.3072$ is the 20% darker color. If you saturate the color by 10%, you get $33.6201, 0.3298, 0.2959$, and if you desaturate by 10%, it is $47.4402, 0.3136, 0.3270$.

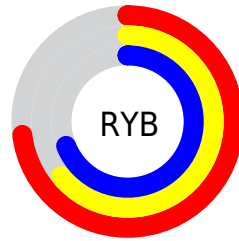
Distribution



Red (73%)

Green (64%)

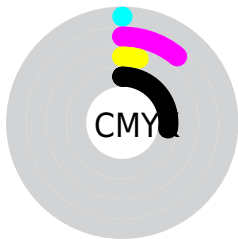
Blue (69%)



Red (73%)

Yellow (64%)

Blue (69%)

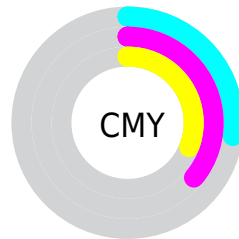


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0395, 0.3210, 0.3118 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 40.0395, 0.3210, 0.3118 by changing the saturation by 10% instead.


 40.0395, 0.3210,
0.3118


 40.0395, 0.3210,
0.3118


346.2900, 0.3168,
0.3205

 27.5693, 0.3221,
0.3096


 75.2237, 0.3195,
0.3150

 18.0013, 0.3234,
0.3067

 98.7065, 0.3189,
0.3162

 10.9509, 0.3253,
0.3029


126.6289, 0.3184,
0.3172

 6.0338, 0.3279,
0.2974

159.3754, 0.3180,
0.3180

 2.8657, 0.3319,
0.2891

197.3304, 0.3176,
0.3188

 1.0620, 0.3388,
0.2749

240.8782, 0.3173,

 0.0000, 0.4719,

0.3194

0.0000

290.4033, 0.3171,
0.3200

■ 0.0000, 0.0000,
0.0000

■ 40.0395, 0.3210,
0.3118

■ 40.0395, 0.3210,
0.3118

■ 33.6201, 0.3298,
0.2959

■ 47.4402, 0.3136,
0.3270

■ 28.1350, 0.3401,
0.2797

■ 55.8561, 0.3074,
0.3413

■ 23.5416, 0.3520,
0.2638

■ 65.3259, 0.3023,
0.3546

■ 19.7913, 0.3657,
0.2489

■ 75.8847, 0.2980,
0.3670

■ 16.8313, 0.3809,
0.2360

■ 86.6015, 0.2944,
0.3767

■ 14.6026, 0.3973,
0.2263

■ 86.9655, 0.2907,
0.3686

■ 13.0379, 0.4145,
0.2208

■ 87.3454, 0.2870,
0.3605

■ 12.0572, 0.4316,
0.2203

■ 87.7411, 0.2834,
0.3525

■ 11.5426, 0.4463,
0.2232

■ 88.1529, 0.2798,
0.3447

Harmonies

Analogous

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



40.0395, 0.3051, 0.3042



40.0395, 0.3210, 0.3118



40.0395, 0.3350, 0.3238

Triad

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



40.0395, 0.3210, 0.3118



40.0395, 0.3340, 0.3560



40.0395, 0.2834, 0.3194

Complementary

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



40.0395, 0.3210, 0.3118



45.5735, 0.3052, 0.3468

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.



40.0395, 0.2908, 0.3338



40.0395, 0.3210, 0.3118



40.0395, 0.3198, 0.3554

Square

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



40.0395, 0.3210, 0.3118



40.0395, 0.3425, 0.3492



40.0395, 0.3040, 0.3472



40.0395, 0.2837, 0.3082

Rectangle

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



40.0395, 0.3210, 0.3118



40.0395, 0.3411, 0.3328



40.0395, 0.3040, 0.3472



40.0395, 0.2851, 0.3241

Sweetspot

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



40.0412, 0.3210, 0.3118



82.5851, 0.3148, 0.3245



38.7915, 0.3019, 0.3005



17.5652, 0.3153, 0.3233



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.0412, 0.3210, 0.3118



68.2252, 0.3234, 0.3073



39.6494, 0.3302, 0.3253



9.1032, 0.3194, 0.3149



7.8730, 0.4443, 0.2221



0.2892, 0.4047, 0.2003

Inverse Universe

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



40.0412, 0.3210, 0.3118



68.2252, 0.3234, 0.3073



45.9808, 0.2976, 0.3328



9.1032, 0.3194, 0.3149



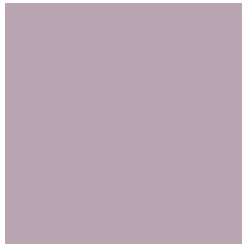
7.8730, 0.4443, 0.2221



0.2892, 0.4047, 0.2003

Previews

White Background



This preview shows how the Yxy color 40.0395, 0.3210, 0.3118 looks on a white background.

Color Contrast Check

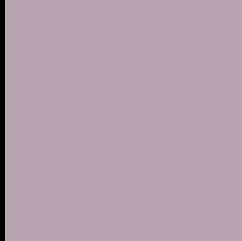
Large Text (above 18pt) WCAG AA × Fail

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 40.0395, 0.3210, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

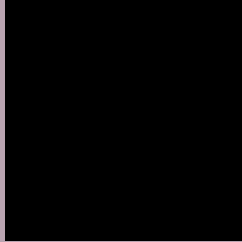
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0395, 0.3210, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 40.0395, 0.3210, 0.3118.



This preview shows how white text looks on a background with the Yxy color 40.0395, 0.3210, 0.3118.

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

40.0395, 0.3210, 0.3118

Protanopia

40.2173, 0.3045, 0.3139

Deuteranopia

40.1519, 0.3190, 0.3131



Tritanopia

40.0395, 0.3210, 0.3118

Trichromacy



Original Color

40.0395, 0.3210, 0.3118

Protanomaly

40.0061, 0.3098, 0.3127

Deuteranomaly

40.2749, 0.3200, 0.3131

Tritanomaly

40.0395, 0.3210, 0.3118

Monochromacy



Original Color

40.0395, 0.3210, 0.3118

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7790, 0.3158, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0395, 0.3210, 0.3118 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(185, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(185, 164, 177)  
}
```

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(185, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 164, 177) }
```

Border

The CSS property to change the border of an element to Yxy 40.0395, 0.3210, 0.3118 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(185, 164, 177) }
```

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

```
.border{ border-color:rgb(185, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 164, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 164, 177); box-shadow:4px 4px 4px 4px rgb(185, 164, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0395, 0.3210, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 164, 177) }
```

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

```
.background{ background-color: rgb(185,  
164, 177) }
```

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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