

Converting Colors

$Yxy(40.8064, 0.3201, 0.3072)$

Have a look what the booklet for
Yxy(40.8064, 0.3201, 0.3072)
contains.

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Color

Yxy(40.9378, 0.3202, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	BCA5B5
RGB	188, 165, 181
RGB Percent	74%, 65%, 71%
CMY	0.2627, 0.3529, 0.2903
CMYK	0.00, 0.12, 0.04, 0.26
HSL	318°, 15%, 69%
HSV	318°, 12%, 74%
XYZ	42.5317, 40.9378, 49.3591
YIQ	173.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

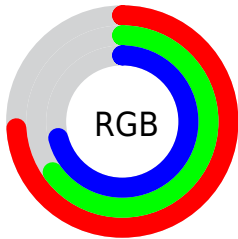
Format	Color
R _{YB}	188, 165, 181
Decimal	12363189
CIE Lab	70.13, 11.18, -5.13
CIE LCh	70, 12.301, 335.331
Yxy	40.9378, 0.3202, 0.3082
Android (android.graphics.Color)	4290553269 (0xFFBCA5B5)
YUV	173.7010, 3.5984, 12.5402
Hunter-Lab	63.9827, 6.6862, -0.9512

Details

The Yxy color $40.9378, 0.3202, 0.3082$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.9465, 0.3060, 0.3507$, and the grayscale version is $42.1441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5339, 0.3185, 0.3118$, and $18.5197, 0.3231, 0.3023$ is the 20% darker color. If you saturate the color by 10%, you get $34.4173, 0.3275, 0.2905$, and if you desaturate by 10%, it is $48.4685, 0.3140, 0.3253$.

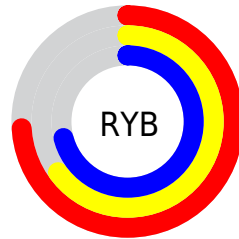
Distribution



Red (74%)

Green (65%)

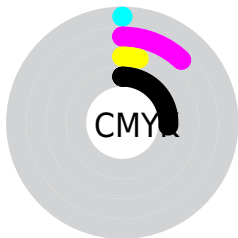
Blue (71%)



Red (74%)

Yellow (65%)

Blue (71%)

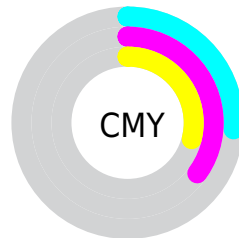


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (26%)



Cyan (26%)


Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9378, 0.3202, 0.3082 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 40.9378, 0.3202, 0.3082 by changing the saturation by 10% instead.

 40.9378, 0.3202,
0.3082

 40.9378, 0.3202,
0.3082


350.0606, 0.3165,
0.3187

 28.2705, 0.3211,
0.3056


 76.5895, 0.3188,
0.3120

 18.5297, 0.3223,
0.3022


 100.3426, 0.3183,
0.3134

 11.3309, 0.3239,
0.2976


128.5598, 0.3179,
0.3147

 6.2899, 0.3262,
0.2912

161.6255, 0.3175,
0.3157

 3.0221, 0.3295,
0.2816

199.9240, 0.3172,
0.3166

 1.1433, 0.3351,
0.2654

243.8397, 0.3169,

 0.0146, 0.4241,

0.3174

0.0217

293.7571, 0.3167,
0.3181

0.0000, 0.0000,
0.0000

40.9378, 0.3202,
0.3082

40.9378, 0.3202,
0.3082

34.4173, 0.3275,
0.2905

48.4685, 0.3140,
0.3253

28.8582, 0.3360,
0.2725

57.0449, 0.3087,
0.3415

24.2156, 0.3457,
0.2549

66.7073, 0.3043,
0.3566

20.4392, 0.3566,
0.2386

77.4921, 0.3006,
0.3706

17.4733, 0.3685,
0.2245

86.8501, 0.2975,
0.3794

■ 15.2562, 0.3812,
0.2138

■ 87.1413, 0.2944,
0.3728

■ 13.7169, 0.3942,
0.2073

■ 87.4429, 0.2914,
0.3662

■ 12.7707, 0.4071,
0.2057

■ 87.7550, 0.2884,
0.3597

■ 12.3168, 0.4169,
0.2070

■ 88.0777, 0.2854,
0.3532

Harmonies

Analogous

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



40.9378, 0.3021, 0.3002



40.9378, 0.3202, 0.3082



40.9378, 0.3367, 0.3214

Triad

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



40.9378, 0.3202, 0.3082



40.9378, 0.3384, 0.3594



40.9378, 0.2798, 0.3197

Complementary

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



40.9378, 0.3202, 0.3082



46.9465, 0.3060, 0.3507

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.



40.9378, 0.2890, 0.3363



40.9378, 0.3202, 0.3082



40.9378, 0.3227, 0.3598

Square

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



40.9378, 0.3202, 0.3082



40.9378, 0.3474, 0.3507



40.9378, 0.3046, 0.3513



40.9378, 0.2792, 0.3063

Rectangle

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



40.9378, 0.3202, 0.3082



40.9378, 0.3444, 0.3316



40.9378, 0.3046, 0.3513



40.9378, 0.2820, 0.3251

Sweetspot

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



40.9396, 0.3202, 0.3082



85.1969, 0.3150, 0.3222



39.3042, 0.2996, 0.2980



18.0912, 0.3155, 0.3210



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.



40.9396, 0.3202, 0.3082



70.4432, 0.3223, 0.3029



40.4921, 0.3303, 0.3230



9.6452, 0.3183, 0.3132



8.3998, 0.4154, 0.2062



0.3402, 0.3877, 0.1910

Inverse Universe

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



40.9396, 0.3202, 0.3082



70.4432, 0.3223, 0.3029



47.4021, 0.2976, 0.3351



9.6452, 0.3183, 0.3132



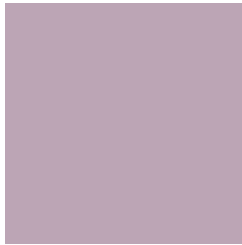
8.3998, 0.4154, 0.2062



0.3402, 0.3877, 0.1910

Previews

White Background



This preview shows how the Yxy color 40.9378, 0.3202, 0.3082 looks on a white background.

Color Contrast Check

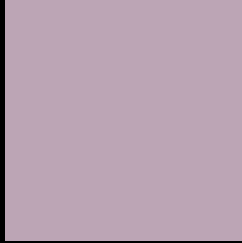
Large Text (above 18pt) WCAG AA × Fail

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 40.9378, 0.3202, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

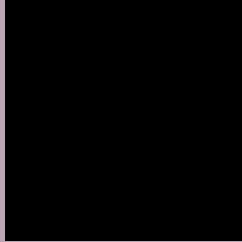
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9378, 0.3202, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 40.9378, 0.3202, 0.3082.



This preview shows how white text looks on a background with the Yxy color 40.9378, 0.3202, 0.3082.

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

40.9378, 0.3202, 0.3082

Protanopia

40.8681, 0.3021, 0.3100

Deuteranopia

40.7990, 0.3164, 0.3092



Tritanopia

40.8160, 0.3228, 0.3120

Trichromacy



Original Color

40.9378, 0.3202, 0.3082

Protanomaly

40.7713, 0.3082, 0.3089

Deuteranomaly

40.9229, 0.3173, 0.3093

Tritanomaly

40.8563, 0.3219, 0.3107

Monochromacy



Original Color

40.9378, 0.3202, 0.3082

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8839, 0.3149, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9378, 0.3202, 0.3082 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(188, 165, 181)` looks like.

```
.text, #text, p{  
    color:rgb(188, 165, 181)  
}
```

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(188, 165, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 165, 181) }
```

Border

The CSS property to change the border of an element to Yxy 40.9378, 0.3202, 0.3082 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(188, 165, 181) }
```

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

```
.border{ border-color:rgb(188, 165, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 165, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 165, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 165, 181);  
box-shadow:4px 4px 4px 4px rgb(188, 165,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9378, 0.3202, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 165, 181) }
```

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

```
.background{ background-color: rgb(188,  
165, 181) }
```

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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