

Converting Colors

$Yxy(40.9587, 0.3309, 0.3244)$

Have a look what the booklet for
Yxy(40.9587, 0.3309, 0.3244)
contains.

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Color

Yxy(40.9935, 0.3308, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	BDA6AA
RGB	189, 166, 170
RGB Percent	74%, 65%, 67%
CMY	0.2588, 0.3490, 0.3334
CMYK	0.00, 0.12, 0.10, 0.26
HSL	350°, 15%, 70%
HSV	350°, 12%, 74%
XYZ	41.8797, 40.9935, 43.7281
YIQ	173.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

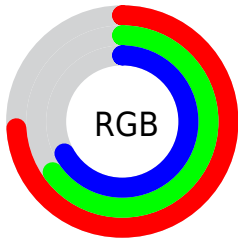
Format	Color
R_{YB}	189, 166, 170
Decimal	12428970
CIE _{Lab}	70.17, 9.05, 1.01
CIE _{LCh}	70, 9.102, 6.390
Yxy	40.9935, 0.3308, 0.3238
Android (android.graphics.Color)	4290619050 (0xFFBDA6AA)
YUV	173.3330, -1.6432, 13.7400
Hunter-Lab	64.0262, 4.7116, 4.3249

Details

The Yxy color **40.9935, 0.3308, 0.3238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.0129, 0.2972, 0.3343**, and the grayscale version is **41.9730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5616, 0.3272, 0.3249**, and **18.5769, 0.3368, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **34.0642, 0.3496, 0.3192**, and if you desaturate by 10%, it is **49.0067, 0.3156, 0.3281**.

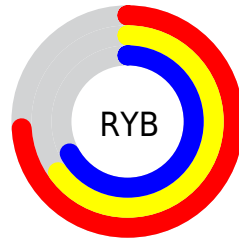
Distribution



Red (74%)

Green (65%)

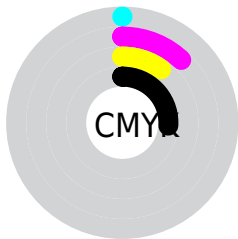
Blue (67%)



Red (74%)

Yellow (65%)

Blue (67%)

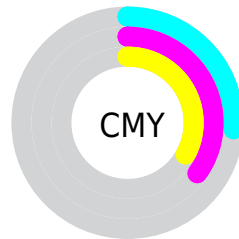


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9935, 0.3308, 0.3238 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 40.9935, 0.3308, 0.3238 by changing the saturation by 10% instead.


 40.9935, 0.3308,
0.3238


 40.9935, 0.3308,
0.3238


350.2934, 0.3215,
0.3265

 28.3140, 0.3332,
0.3231


 76.6740, 0.3274,
0.3248

 18.5625, 0.3363,
0.3222


 100.4438, 0.3261,
0.3252

 11.3546, 0.3405,
0.3209


128.6792, 0.3251,
0.3255

 6.3059, 0.3466,
0.3191

161.7646, 0.3241,
0.3257

 3.0319, 0.3560,
0.3162

200.0843, 0.3234,
0.3260

 1.1484, 0.3726,
0.3110

244.0227, 0.3227,

 0.0190, 0.9264,

0.3262

0.0736

293.9643, 0.3221,
0.3263

0.0000, 0.0000,
0.0000

40.9935, 0.3308,
0.3238

40.9935, 0.3308,
0.3238

34.0642, 0.3496,
0.3192

49.0067, 0.3156,
0.3281

28.1670, 0.3727,
0.3146

58.1419, 0.3033,
0.3321

23.2540, 0.4010,
0.3100

68.4420, 0.2934,
0.3357

19.2714, 0.4346,
0.3061

79.9460, 0.2852,
0.3390

16.1602, 0.4733,
0.3035

89.1260, 0.2781,
0.3362

■ 13.8547, 0.5152,
0.3030

■ 89.5608, 0.2747,
0.3289

■ 12.2797, 0.5567,
0.3054

■ 11.3456, 0.5925,
0.3108

■ 10.9291, 0.6145,
0.3159

Harmonies

Analogous

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



40.9935, 0.3188, 0.3138



40.9935, 0.3308, 0.3238



40.9935, 0.3380, 0.3353

Triad

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



40.9935, 0.3308, 0.3238



40.9935, 0.3197, 0.3515



40.9935, 0.2879, 0.3120

Complementary

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



40.9935, 0.3308, 0.3238



48.0129, 0.2972, 0.3343

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.



40.9935, 0.2881, 0.3218



40.9935, 0.3308, 0.3238



40.9935, 0.3063, 0.3450

Square

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



40.9935, 0.3308, 0.3238



40.9935, 0.3314, 0.3516



40.9935, 0.2948, 0.3340



40.9935, 0.2941, 0.3069

Rectangle

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



40.9935, 0.3308, 0.3238



40.9935, 0.3389, 0.3424



40.9935, 0.2948, 0.3340



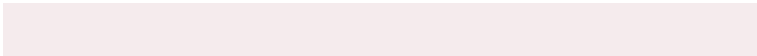
40.9935, 0.2872, 0.3148

Sweetspot

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



40.9953, 0.3308, 0.3238



84.8949, 0.3182, 0.3273



41.2365, 0.3103, 0.2991



18.0146, 0.3193, 0.3270



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.



40.9953, 0.3308, 0.3238



69.4048, 0.3361, 0.3224



43.5720, 0.3332, 0.3386



9.5626, 0.3262, 0.3250



7.3601, 0.6119, 0.3144



0.2967, 0.5504, 0.2806

Inverse Universe

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



40.9953, 0.3308, 0.3238



69.4048, 0.3361, 0.3224



45.1262, 0.2941, 0.3192



9.5626, 0.3262, 0.3250



7.3601, 0.6119, 0.3144



0.2967, 0.5504, 0.2806

Previews

White Background



This preview shows how the Yxy color 40.9935, 0.3308, 0.3238 looks on a white background.

Color Contrast Check

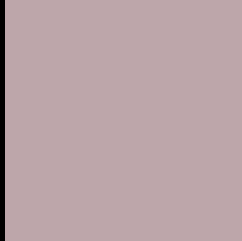
Large Text (above 18pt) WCAG AA × Fail

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 40.9935, 0.3308, 0.3238 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 40.9935, 0.3308, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 40.9935, 0.3308, 0.3238.



This preview shows how white text looks on a background with the Yxy color 40.9935, 0.3308, 0.3238.

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

40.9935, 0.3308, 0.3238

Protanopia

41.1416, 0.3137, 0.3263

Deuteranopia

40.9935, 0.3308, 0.3238



Tritanopia

41.0718, 0.3247, 0.3121

Trichromacy



Original Color

40.9935, 0.3308, 0.3238

Protanomaly

40.9382, 0.3193, 0.3250

Deuteranomaly

40.9935, 0.3308, 0.3238

Tritanomaly

40.9526, 0.3274, 0.3160

Monochromacy



Original Color

40.9935, 0.3308, 0.3238

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3117, 0.3192, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9935, 0.3308, 0.3238 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(189, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 170)  
}
```

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(189, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 170) }
```

Border

The CSS property to change the border of an element to Yxy 40.9935, 0.3308, 0.3238 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(189, 166, 170) }
```

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

```
.border{ border-color:rgb(189, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9935, 0.3308, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 170) }
```

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

```
.background{ background-color: rgb(189,  
166, 170) }
```

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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