

Converting Colors

$Y_{xy}(41.7035, 0.3256, 0.3182)$

Have a look what the booklet for
Yxy(41.7035, 0.3256, 0.3182)
contains.

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Color

Yxy(41.5908, 0.3253, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	BDA7B0
RGB	189, 167, 176
RGB Percent	74%, 65%, 69%
CMY	0.2588, 0.3451, 0.3099
CMYK	0.00, 0.12, 0.07, 0.26
HSL	336°, 14%, 70%
HSV	336°, 12%, 74%
XYZ	42.6394, 41.5908, 46.8470
YIQ	174.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

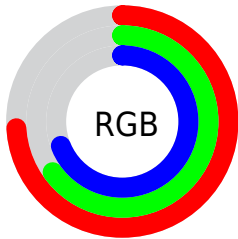
Format	Color
R _Y B	189, 167, 176
Decimal	12429232
CIE Lab	70.59, 9.54, -1.70
CIE LCh	71, 9.687, 349.912
Yxy	41.5908, 0.3253, 0.3173
Android (android.graphics.Color)	4290619312 (0xFFBDA7B0)
YUV	174.6040, 0.6882, 12.6253
Hunter-Lab	64.4909, 5.1596, 2.0747

Details

The Yxy color **41.5908, 0.3253, 0.3173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.9060, 0.3016, 0.3410**, and the grayscale version is **42.6473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4812, 0.3224, 0.3189**, and **18.9509, 0.3290, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **34.7415, 0.3386, 0.3066**, and if you desaturate by 10%, it is **49.4922, 0.3143, 0.3274**.

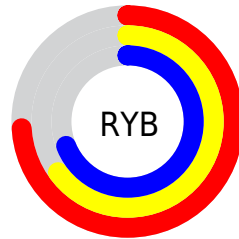
Distribution



Red (74%)

Green (65%)

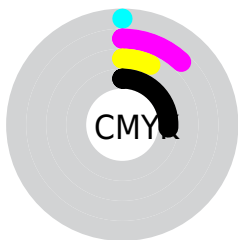
Blue (69%)



Red (74%)

Yellow (65%)

Blue (69%)

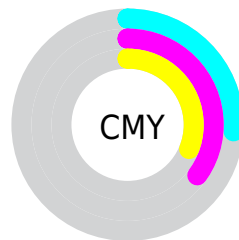


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (26%)



Cyan (26%)


Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5908, 0.3253, 0.3173 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 41.5908, 0.3253, 0.3173 by changing the saturation by 10% instead.


 41.5908, 0.3253,
0.3173

 41.5908, 0.3253,
0.3173


352.7838, 0.3189,
0.3232

 28.7810, 0.3269,
0.3158

 77.5799, 0.3230,
0.3195

 18.9152, 0.3290,
0.3139


 101.5281, 0.3221,
0.3203

 11.6090, 0.3319,
0.3112


129.9578, 0.3213,
0.3210

 6.4781, 0.3360,
0.3075

163.2535, 0.3207,
0.3215

 3.1379, 0.3422,
0.3019

201.7995, 0.3202,
0.3221

 1.2041, 0.3530,
0.2922

245.9804, 0.3197,

 0.0651, 0.5365,

0.3225

0.1185

296.1803, 0.3193,
0.3229

0.0000, 0.0000,
0.0000

41.5908, 0.3253,
0.3173

41.5908, 0.3253,
0.3173

34.7415, 0.3386,
0.3066

49.4922, 0.3143,
0.3274

28.8943, 0.3547,
0.2957

58.4821, 0.3053,
0.3368

24.0031, 0.3740,
0.2849

68.6020, 0.2979,
0.3455

20.0163, 0.3967,
0.2750

79.8894, 0.2918,
0.3535

16.8771, 0.4226,
0.2668

88.1588, 0.2864,
0.3541

■ 14.5223, 0.4513,
0.2617

■ 88.8143, 0.2806,
0.3417

■ 12.8798, 0.4815,
0.2609

■ 89.5110, 0.2750,
0.3297

■ 11.8638, 0.5112,
0.2652

■ 89.5584, 0.2747,
0.3289

■ 11.3566, 0.5348,
0.2720

Harmonies

Analogous

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



41.5908, 0.3112, 0.3087



41.5908, 0.3253, 0.3173



41.5908, 0.3361, 0.3289

Triad

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



41.5908, 0.3253, 0.3173



41.5908, 0.3274, 0.3537



41.5908, 0.2857, 0.3162

Complementary

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



41.5908, 0.3253, 0.3173



47.9060, 0.3016, 0.3410

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.



41.5908, 0.2898, 0.3284



41.5908, 0.3253, 0.3173



41.5908, 0.3137, 0.3505

Square

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



41.5908, 0.3253, 0.3173



41.5908, 0.3373, 0.3501



41.5908, 0.3000, 0.3411



41.5908, 0.2886, 0.3078

Rectangle

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



41.5908, 0.3253, 0.3173



41.5908, 0.3399, 0.3371



41.5908, 0.3000, 0.3411



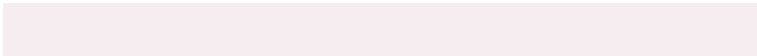
41.5908, 0.2863, 0.3200

Sweetspot

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



41.5926, 0.3253, 0.3173



86.5276, 0.3157, 0.3260



40.9976, 0.3058, 0.3000



18.3512, 0.3166, 0.3252



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.



41.5926, 0.3253, 0.3173



71.1411, 0.3285, 0.3146



41.9251, 0.3330, 0.3315



9.5992, 0.3226, 0.3197



7.6558, 0.5316, 0.2702



0.3129, 0.4692, 0.2358

Inverse Universe

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



41.5926, 0.3253, 0.3173



71.1411, 0.3285, 0.3146



47.5006, 0.2951, 0.3265



9.5992, 0.3226, 0.3197



7.6558, 0.5316, 0.2702



0.3129, 0.4692, 0.2358

Previews

White Background



This preview shows how the Yxy color 41.5908, 0.3253, 0.3173 looks on a white background.

Color Contrast Check

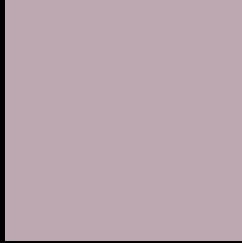
Large Text (above 18pt) WCAG AA × Fail

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 41.5908, 0.3253, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

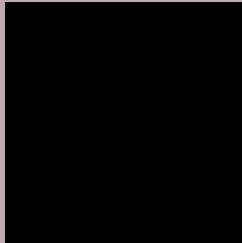
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5908, 0.3253, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 41.5908, 0.3253, 0.3173.



This preview shows how white text looks on a background with the Yxy color 41.5908, 0.3253, 0.3173.

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

41.5908, 0.3253, 0.3173

Protanopia

41.7584, 0.3087, 0.3195

Deuteranopia

41.4634, 0.3244, 0.3172



Tritanopia

41.3459, 0.3228, 0.3121

Trichromacy



Original Color

41.5908, 0.3253, 0.3173

Protanomaly

41.5475, 0.3141, 0.3183

Deuteranomaly

41.4634, 0.3244, 0.3172

Tritanomaly

41.3056, 0.3236, 0.3134

Monochromacy



Original Color

41.5908, 0.3253, 0.3173

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3035, 0.3174, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5908, 0.3253, 0.3173 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, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(189, 167, 176)  
}
```

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, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 167, 176) }
```

Border

The CSS property to change the border of an element to Yxy 41.5908, 0.3253, 0.3173 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, 167, 176) }
```

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

```
.border{ border-color:rgb(189, 167, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 167, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 167, 176);  
box-shadow:4px 4px 4px 4px rgb(189, 167,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5908, 0.3253, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 167, 176) }
```

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

```
.background{ background-color: rgb(189,  
167, 176) }
```

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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