

Converting Colors

$Y_{xy}(41.3239, 0.3252, 0.3215)$

Have a look what the booklet for
Yxy(41.3239, 0.3252, 0.3215)
contains.

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Color

Yxy(41.4615, 0.3250, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	BAA8AD
RGB	186, 168, 173
RGB Percent	73%, 66%, 68%
CMY	0.2706, 0.3412, 0.3215
CMYK	0.00, 0.10, 0.07, 0.27
HSL	343°, 12%, 69%
HSV	343°, 10%, 73%
XYZ	41.7959, 41.4615, 45.3453
YIQ	173.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

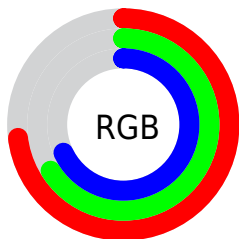
Format	Color
R _{YB}	186, 168, 173
Decimal	12232877
CIE Lab	70.50, 7.38, -0.22
CIE LCh	70, 7.387, 358.287
Yxy	41.4615, 0.3250, 0.3224
Android (android.graphics.Color)	4290422957 (0xFFBAA8AD)
YUV	173.9520, -0.4693, 10.5661
Hunter-Lab	64.3906, 3.1806, 3.3201

Details

The Yxy color **41.4615, 0.3250, 0.3224** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7769, 0.3017, 0.3357**, and the grayscale version is **42.3017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2540, 0.3229, 0.3239**, and **18.8578, 0.3287, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **34.5861, 0.3405, 0.3152**, and if you desaturate by 10%, it is **49.3750, 0.3123, 0.3292**.

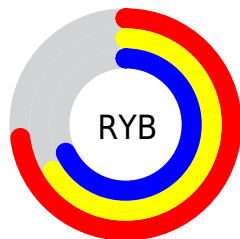
Distribution



Red (73%)

Green (66%)

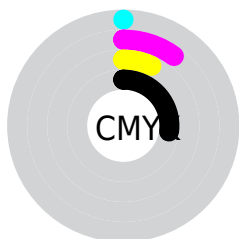
Blue (68%)



Red (73%)

Yellow (66%)

Blue (68%)

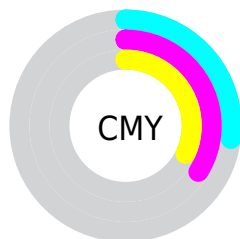


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4615, 0.3250, 0.3224 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 41.4615, 0.3250, 0.3224 by changing the saturation by 10% instead.


 41.4615, 0.3250,
0.3224

 41.4615, 0.3250,
0.3224


352.2458, 0.3187,
0.3258

 28.6799, 0.3266,
0.3215


 77.3840, 0.3227,
0.3236

 18.8388, 0.3287,
0.3204


 101.2936, 0.3218,
0.3241

 11.5538, 0.3315,
0.3189


129.6814, 0.3211,
0.3245

 6.4407, 0.3356,
0.3167

162.9316, 0.3205,
0.3248

 3.1148, 0.3418,
0.3134

201.4288, 0.3200,
0.3251

 1.1920, 0.3527,
0.3075

245.5573, 0.3195,

 0.0551, 0.6405,

0.3254

0.1518

295.7015, 0.3191,
0.3256

0.0000, 0.0000,
0.0000

41.4615, 0.3250,
0.3224

41.4615, 0.3250,
0.3224

34.5861, 0.3405,
0.3152

49.3750, 0.3123,
0.3292

28.7002, 0.3596,
0.3077

58.3616, 0.3020,
0.3355

23.7597, 0.3826,
0.3002

68.4614, 0.2936,
0.3413

19.7148, 0.4102,
0.2934

79.7108, 0.2867,
0.3466

16.5113, 0.4423,
0.2879

88.2551, 0.2805,
0.3451

■ 14.0888, 0.4780,
0.2849

■ 89.0824, 0.2739,
0.3305

■ 12.3789, 0.5154,
0.2855

■ 89.1786, 0.2731,
0.3289

■ 11.3014, 0.5514,
0.2904

■ 10.7025, 0.5827,
0.2987

Harmonies

Analogous

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



41.4615, 0.3147, 0.3149



41.4615, 0.3250, 0.3224



41.4615, 0.3320, 0.3317

Triad

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



41.4615, 0.3250, 0.3224



41.4615, 0.3212, 0.3477



41.4615, 0.2921, 0.3171

Complementary

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



41.4615, 0.3250, 0.3224



46.7769, 0.3017, 0.3357

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.



41.4615, 0.2938, 0.3258



41.4615, 0.3250, 0.3224



41.4615, 0.3105, 0.3437

Square

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



41.4615, 0.3250, 0.3224



41.4615, 0.3298, 0.3464



41.4615, 0.3005, 0.3357



41.4615, 0.2958, 0.3118

Rectangle

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



41.4615, 0.3250, 0.3224



41.4615, 0.3339, 0.3377



41.4615, 0.3005, 0.3357



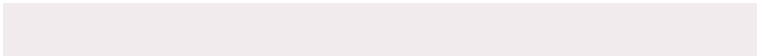
41.4615, 0.2920, 0.3197

Sweetspot

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



41.4633, 0.3250, 0.3224



84.4431, 0.3163, 0.3270



41.3632, 0.3092, 0.3053



18.3360, 0.3173, 0.3264



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.



41.4633, 0.3250, 0.3224



71.8364, 0.3286, 0.3206



42.7338, 0.3289, 0.3342



9.0523, 0.3245, 0.3226



7.2003, 0.5804, 0.2971



0.2647, 0.5049, 0.2555

Inverse Universe

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



41.4633, 0.3250, 0.3224



71.8364, 0.3286, 0.3206



45.3663, 0.2980, 0.3237



9.0523, 0.3245, 0.3226



7.2003, 0.5804, 0.2971



0.2647, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 41.4615, 0.3250, 0.3224 looks on a white background.

Color Contrast Check

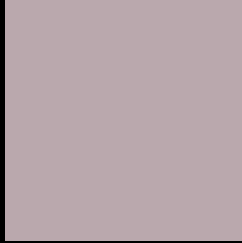
Large Text (above 18pt) WCAG AA × Fail

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 41.4615, 0.3250, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

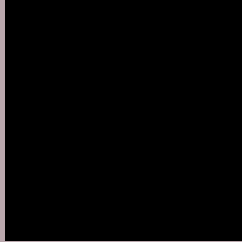
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4615, 0.3250, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 41.4615, 0.3250, 0.3224.



This preview shows how white text looks on a background with the Yxy color 41.4615, 0.3250, 0.3224.

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

41.4615, 0.3250, 0.3224

Protanopia

41.7142, 0.3129, 0.3249

Deuteranopia

41.4734, 0.3279, 0.3212



Tritanopia

41.4975, 0.3199, 0.3120

Trichromacy



Original Color

41.4615, 0.3250, 0.3224

Protanomaly

41.7655, 0.3174, 0.3250

Deuteranomaly

41.3459, 0.3270, 0.3212

Tritanomaly

41.3766, 0.3226, 0.3159

Monochromacy



Original Color

41.4615, 0.3250, 0.3224

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0260, 0.3164, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4615, 0.3250, 0.3224 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, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 173)  
}
```

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, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 173) }
```

Border

The CSS property to change the border of an element to Yxy 41.4615, 0.3250, 0.3224 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, 168, 173) }
```

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

```
.border{ border-color:rgb(186, 168, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 168, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4615, 0.3250, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 173) }
```

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

```
.background{ background-color: rgb(186,  
168, 173) }
```

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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