

Converting Colors

$Y_{xy}(43.1720, 0.3228, 0.3138)$

Have a look what the booklet for
Yxy(43.1720, 0.3228, 0.3138)
contains.

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Color

Yxy(43.3333, 0.3225, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	C0AAB6
RGB	192, 170, 182
RGB Percent	75%, 67%, 71%
CMY	0.2470, 0.3334, 0.2862
CMYK	0.00, 0.11, 0.05, 0.25
HSL	327°, 15%, 71%
HSV	327°, 11%, 75%
XYZ	44.5631, 43.3333, 50.2838
YIQ	177.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

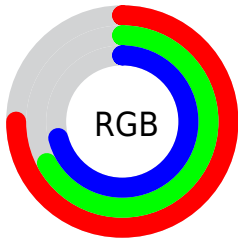
Format	Color
R_{YB}	192, 170, 182
Decimal	12626614
CIE _{Lab}	71.78, 10.07, -3.25
CIE _{LCh}	72, 10.578, 342.132
Yxy	43.3333, 0.3225, 0.3136
Android (android.graphics.Color)	4290816694 (0xFFC0AAB6)
YUV	177.9460, 1.9986, 12.3254
Hunter-Lab	65.8280, 5.6387, 0.7900

Details

The Yxy color **43.3333, 0.3225, 0.3136** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.5513, 0.3040, 0.3449**, and the grayscale version is **44.4793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9799, 0.3203, 0.3160**, and **19.9451, 0.3250, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **36.3048, 0.3329, 0.2995**, and if you desaturate by 10%, it is **51.4396, 0.3139, 0.3271**.

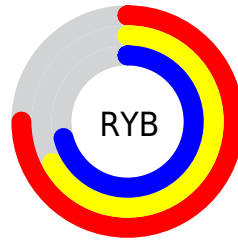
Distribution



Red (75%)

Green (67%)

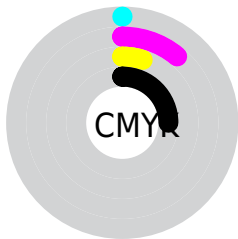
Blue (71%)



Red (75%)

Yellow (67%)

Blue (71%)

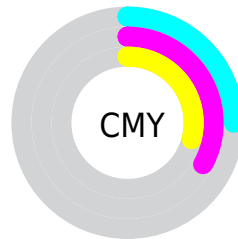


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3333, 0.3225, 0.3136 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 43.3333, 0.3225, 0.3136 by changing the saturation by 10% instead.


 43.3333, 0.3225,
0.3136

 43.3333, 0.3225,
0.3136


359.9807, 0.3176,
0.3213

 30.1467, 0.3237,
0.3117

 80.2136, 0.3207,
0.3164

 19.9500, 0.3253,
0.3092


104.6761, 0.3200,
0.3175

 12.3587, 0.3274,
0.3059

133.6660, 0.3195,
0.3183

 6.9885, 0.3304,
0.3013

167.5677, 0.3190,
0.3191

 3.4549, 0.3349,
0.2943

206.7656, 0.3186,
0.3198

 1.3736, 0.3424,
0.2828

251.6442, 0.3182,

 0.1971, 0.4041,

0.3204

0.1839

302.5877, 0.3179,
0.3209

0.0000, 0.0000,
0.0000

43.3333, 0.3225,
0.3136

43.3333, 0.3225,
0.3136

36.3048, 0.3329,
0.2995

51.4396, 0.3139,
0.3271

30.3026, 0.3452,
0.2850

60.6611, 0.3067,
0.3397

25.2794, 0.3596,
0.2708

71.0402, 0.3007,
0.3515

21.1821, 0.3763,
0.2575

82.6157, 0.2958,
0.3623

17.9525, 0.3951,
0.2462

88.1996, 0.2913,
0.3610

■ 15.5254, 0.4157,
0.2380

■ 88.6893, 0.2868,
0.3513

■ 13.8266, 0.4372,
0.2342

■ 89.2038, 0.2823,
0.3417

■ 12.7678, 0.4589,
0.2355

■ 89.7432, 0.2779,
0.3323

■ 12.2268, 0.4770,
0.2401

■ 89.9499, 0.2763,
0.3289

Harmonies

Analogous

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



43.3333, 0.3071, 0.3056



43.3333, 0.3225, 0.3136



43.3333, 0.3355, 0.3255

Triad

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



43.3333, 0.3225, 0.3136



43.3333, 0.3318, 0.3553



43.3333, 0.2841, 0.3183

Complementary

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



43.3333, 0.3225, 0.3136



49.5513, 0.3040, 0.3449

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.



43.3333, 0.2904, 0.3320



43.3333, 0.3225, 0.3136



43.3333, 0.3177, 0.3538

Square

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



43.3333, 0.3225, 0.3136



43.3333, 0.3409, 0.3496



43.3333, 0.3026, 0.3452



43.3333, 0.2852, 0.3080

Rectangle

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



43.3333, 0.3225, 0.3136



43.3333, 0.3408, 0.3343



43.3333, 0.3026, 0.3452



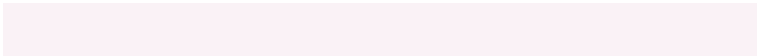
43.3333, 0.2854, 0.3226

Sweetspot

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



43.3352, 0.3225, 0.3136



90.7343, 0.3151, 0.3250



42.2461, 0.3034, 0.3002



19.1997, 0.3158, 0.3239



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.3352, 0.3225, 0.3136



74.8041, 0.3252, 0.3098



42.9007, 0.3320, 0.3276



10.1678, 0.3206, 0.3165



8.2407, 0.4745, 0.2387



0.3698, 0.4312, 0.2149

Inverse Universe

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



43.3352, 0.3225, 0.3136



74.8041, 0.3252, 0.3098



50.0145, 0.2961, 0.3304



10.1678, 0.3206, 0.3165



8.2407, 0.4745, 0.2387



0.3698, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 43.3333, 0.3225, 0.3136 looks on a white background.

Color Contrast Check

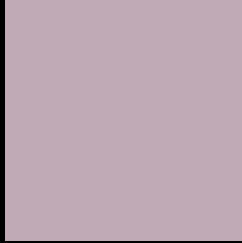
Large Text (above 18pt) WCAG AA × Fail

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 43.3333, 0.3225, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

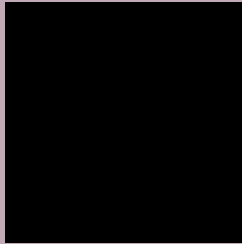
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

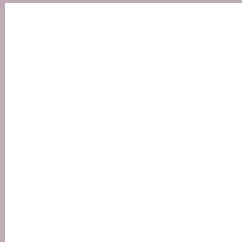
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3333, 0.3225, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 43.3333, 0.3225, 0.3136.



This preview shows how white text looks on a background with the Yxy color 43.3333, 0.3225, 0.3136.

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

43.3333, 0.3225, 0.3136

Protanopia

43.3928, 0.3055, 0.3157

Deuteranopia

43.4504, 0.3206, 0.3149



Tritanopia

43.3748, 0.3216, 0.3124

Trichromacy



Original Color

43.3333, 0.3225, 0.3136

Protanomaly

43.2929, 0.3116, 0.3146

Deuteranomaly

43.5796, 0.3215, 0.3149

Tritanomaly

43.3748, 0.3216, 0.3124

Monochromacy



Original Color

43.3333, 0.3225, 0.3136

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9819, 0.3165, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3333, 0.3225, 0.3136 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(192, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 170, 182)  
}
```

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(192, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 170, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.3333, 0.3225, 0.3136 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(192, 170, 182) }
```

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

```
.border{ border-color:rgb(192, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(192, 170,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3333, 0.3225, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 170, 182) }
```

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

```
.background{ background-color: rgb(192,  
170, 182) }
```

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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