

Converting Colors

$Y_{xy}(39.6010, 0.3223, 0.3203)$

Have a look what the booklet for
Yxy(39.6010, 0.3223, 0.3203)
contains.

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Color

Yxy(39.6743, 0.3225, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	B5A5AB
RGB	181, 165, 171
RGB Percent	71%, 65%, 67%
CMY	0.2900, 0.3530, 0.3294
CMYK	0.00, 0.09, 0.06, 0.29
HSL	338°, 10%, 68%
HSV	338°, 9%, 71%
XYZ	39.8721, 39.6743, 44.0881
YIQ	170.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

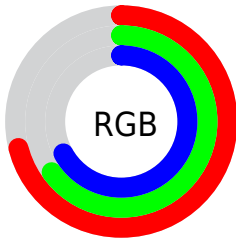
Format	Color
R _Y B	181, 165, 171
Decimal	11904427
CIE Lab	69.24, 6.89, -1.00
CIE LCh	69, 6.967, 351.732
Yxy	39.6743, 0.3225, 0.3209
Android (android.graphics.Color)	4290094507 (0xFFB5A5AB)
YUV	170.4680, 0.2623, 9.2366
Hunter-Lab	62.9875, 2.7652, 2.5913

Details

The Yxy color $39.6743, 0.3225, 0.3209$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.1650, 0.3038, 0.3372$, and the grayscale version is $40.4441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.6819, 0.3209, 0.3228$, and $17.7314, 0.3251, 0.3178$ is the 20% darker color. If you saturate the color by 10%, you get $33.1877, 0.3358, 0.3113$, and if you desaturate by 10%, it is $47.1260, 0.3116, 0.3300$.

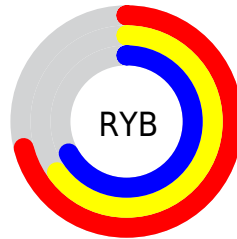
Distribution



Red (71%)

Green (65%)

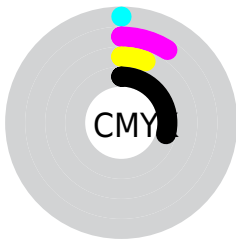
Blue (67%)



Red (71%)

Yellow (65%)

Blue (67%)

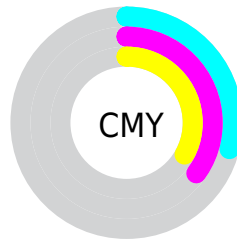


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6743, 0.3225, 0.3209 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 39.6743, 0.3225, 0.3209 by changing the saturation by 10% instead.

 39.6743, 0.3225,
0.3209


 39.6743, 0.3225,
0.3209


344.7489, 0.3175,
0.3251

 27.2847, 0.3238,
0.3198


 74.6673, 0.3206,
0.3224

 17.7872, 0.3255,
0.3184


 98.0395, 0.3200,
0.3230

 10.7973, 0.3278,
0.3166


125.8413, 0.3194,
0.3235

 5.9307, 0.3311,
0.3139

158.4572, 0.3189,
0.3239

 2.8030, 0.3362,
0.3097

196.2714, 0.3185,
0.3242

 1.0298, 0.3454,
0.3022

239.6686, 0.3181,

 0.0000, 1.0000,

0.3245

0.0000

289.0329, 0.3178,
0.3248

0.0000, 0.0000,
0.0000

39.6743, 0.3225,
0.3209

39.6743, 0.3225,
0.3209

33.1877, 0.3358,
0.3113

47.1260, 0.3116,
0.3300

27.6213, 0.3519,
0.3013

55.5747, 0.3027,
0.3384

22.9347, 0.3713,
0.2913

65.0576, 0.2953,
0.3462

19.0820, 0.3943,
0.2819

75.6081, 0.2893,
0.3533

16.0136, 0.4210,
0.2739

86.9303, 0.2842,
0.3592

■ 13.6741, 0.4508,
0.2686

■ 87.5784, 0.2785,
0.3465

■ 12.0012, 0.4827,
0.2671

■ 88.2684, 0.2729,
0.3340

■ 10.9217, 0.5146,
0.2704

■ 88.5706, 0.2706,
0.3289

■ 10.3060, 0.5443,
0.2781

Harmonies

Analogous

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



39.6743, 0.3123, 0.3144



39.6743, 0.3225, 0.3209



39.6743, 0.3301, 0.3296

Triad

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



39.6743, 0.3225, 0.3209



39.6743, 0.3229, 0.3470



39.6743, 0.2929, 0.3192

Complementary

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



39.6743, 0.3225, 0.3209



44.1650, 0.3038, 0.3372

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.



39.6743, 0.2956, 0.3281



39.6743, 0.3225, 0.3209



39.6743, 0.3129, 0.3443

Square

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



39.6743, 0.3225, 0.3209



39.6743, 0.3303, 0.3447



39.6743, 0.3029, 0.3373



39.6743, 0.2953, 0.3133

Rectangle

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



39.6743, 0.3225, 0.3209



39.6743, 0.3326, 0.3355



39.6743, 0.3029, 0.3373



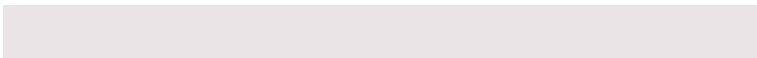
39.6743, 0.2932, 0.3220

Sweetspot

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



39.6760, 0.3225, 0.3209



78.5647, 0.3159, 0.3263



39.3453, 0.3081, 0.3072



16.7490, 0.3167, 0.3255



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.6760, 0.3225, 0.3209



68.1804, 0.3253, 0.3187



40.1328, 0.3276, 0.3316



9.0664, 0.3231, 0.3205



7.3316, 0.5447, 0.2774



0.2706, 0.4742, 0.2386

Inverse Universe

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



39.6760, 0.3225, 0.3209



68.1804, 0.3253, 0.3187



43.6493, 0.2992, 0.3264



9.0664, 0.3231, 0.3205



7.3316, 0.5447, 0.2774



0.2706, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 39.6743, 0.3225, 0.3209 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 39.6743, 0.3225, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

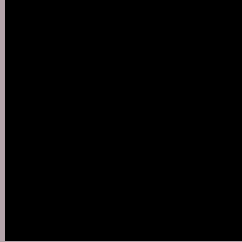
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

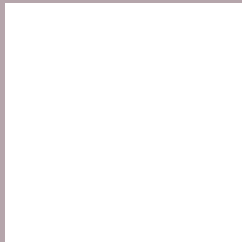
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6743, 0.3225, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 39.6743, 0.3225, 0.3209.



This preview shows how white text looks on a background with the Yxy color 39.6743, 0.3225, 0.3209.

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

39.6743, 0.3225, 0.3209

Protanopia

39.6803, 0.3112, 0.3221

Deuteranopia

39.6815, 0.3254, 0.3197



Tritanopia

39.6703, 0.3182, 0.3117

Trichromacy



Original Color

39.6743, 0.3225, 0.3209

Protanomaly

39.7300, 0.3158, 0.3222

Deuteranomaly

39.5585, 0.3245, 0.3196

Tritanomaly

39.5911, 0.3200, 0.3143

Monochromacy



Original Color

39.6743, 0.3225, 0.3209

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9062, 0.3165, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6743, 0.3225, 0.3209 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(181, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 165, 171)  
}
```

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(181, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 165, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.6743, 0.3225, 0.3209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

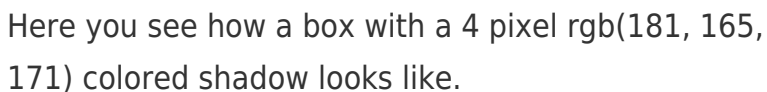
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 165, 171) }
```

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

```
.border{ border-color:rgb(181, 165, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 165,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6743, 0.3225, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 165, 171) }
```

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

```
.background{ background-color: rgb(181,  
165, 171) }
```

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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