

Converting Colors

$Y_{xy}(40.0158, 0.3271, 0.3152)$

Have a look what the booklet for
Yxy(40.0158, 0.3271, 0.3152)
contains.

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Color

Yxy(39.9417, 0.3266, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	BCA3AE
RGB	188, 163, 174
RGB Percent	74%, 64%, 68%
CMY	0.2627, 0.3608, 0.3175
CMYK	0.00, 0.13, 0.07, 0.26
HSL	334°, 16%, 69%
HSV	334°, 13%, 74%
XYZ	41.4784, 39.9417, 45.5805
YIQ	171.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

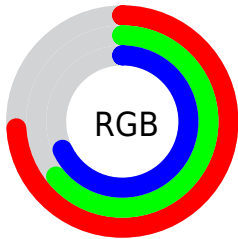
Format	Color
R _Y B	188, 163, 174
Decimal	12362670
CIE Lab	69.43, 11.03, -2.32
CIE LCh	69, 11.273, 348.105
Yxy	39.9417, 0.3266, 0.3145
Android (android.graphics.Color)	4290552750 (0xFFBCA3AE)
YUV	171.7290, 1.1196, 14.2697
Hunter-Lab	63.1994, 6.5522, 1.4786

Details

The Yxy color **39.9417, 0.3266, 0.3145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9275, 0.3007, 0.3440**, and the grayscale version is **41.1023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0330, 0.3241, 0.3178**, and **17.9249, 0.3310, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **33.3620, 0.3396, 0.3029**, and if you desaturate by 10%, it is **47.5495, 0.3158, 0.3255**.

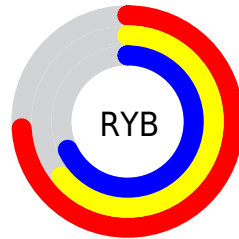
Distribution



Red (74%)

Green (64%)

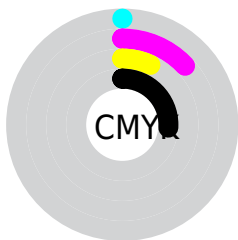
Blue (68%)



Red (74%)

Yellow (64%)

Blue (68%)

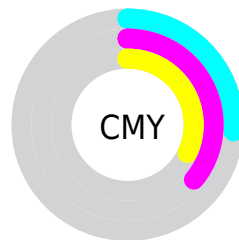


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9417, 0.3266, 0.3145 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 39.9417, 0.3266, 0.3145 by changing the saturation by 10% instead.


 39.9417, 0.3266,
0.3145


 39.9417, 0.3266,
0.3145

345.8778, 0.3195,
0.3219

 27.4931, 0.3284,
0.3126


 75.0747, 0.3240,
0.3172

 17.9439, 0.3308,
0.3102


 98.5279, 0.3230,
0.3182

 10.9097, 0.3340,
0.3069


126.4181, 0.3222,
0.3191

 6.0062, 0.3386,
0.3022

159.1297, 0.3215,
0.3198

 2.8488, 0.3457,
0.2950

197.0471, 0.3209,
0.3204

 1.0533, 0.3581,
0.2826

240.5546, 0.3204,

 0.0000, 0.6910,

0.3210

0.0000

290.0367, 0.3199,
0.3214

0.0000, 0.0000,
0.0000

39.9417, 0.3266,
0.3145

39.9417, 0.3266,
0.3145

33.3620, 0.3396,
0.3029

47.5495, 0.3158,
0.3255

27.7607, 0.3553,
0.2912

56.2216, 0.3070,
0.3358

23.0919, 0.3739,
0.2796

65.9993, 0.2997,
0.3454

19.3039, 0.3956,
0.2691

76.9197, 0.2936,
0.3542

16.3401, 0.4203,
0.2606

87.7343, 0.2886,
0.3601

■ 14.1370, 0.4473,
0.2554

■ 88.3311, 0.2831,
0.3483

■ 12.6216, 0.4755,
0.2547

■ 88.9638, 0.2778,
0.3368

■ 11.7067, 0.5032,
0.2593

■ 89.4317, 0.2742,
0.3289

■ 11.3147, 0.5211,
0.2645

Harmonies

Analogous

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



39.9417, 0.3099, 0.3047



39.9417, 0.3266, 0.3145



39.9417, 0.3398, 0.3280

Triad

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



39.9417, 0.3266, 0.3145



39.9417, 0.3308, 0.3582



39.9417, 0.2810, 0.3146

Complementary

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



39.9417, 0.3266, 0.3145



46.9275, 0.3007, 0.3440

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.



39.9417, 0.2863, 0.3291



39.9417, 0.3266, 0.3145



39.9417, 0.3148, 0.3550

Square

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



39.9417, 0.3266, 0.3145



39.9417, 0.3422, 0.3533



39.9417, 0.2986, 0.3442



39.9417, 0.2839, 0.3044

Rectangle

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



39.9417, 0.3266, 0.3145



39.9417, 0.3446, 0.3375



39.9417, 0.2986, 0.3442



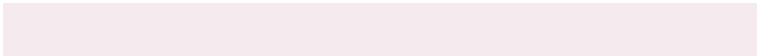
39.9417, 0.2819, 0.3191

Sweetspot

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



39.9435, 0.3266, 0.3145



85.0491, 0.3166, 0.3247



39.1437, 0.3040, 0.2956



18.0537, 0.3173, 0.3239



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.



39.9435, 0.3266, 0.3145



68.6647, 0.3302, 0.3111



39.9770, 0.3365, 0.3307



9.6044, 0.3221, 0.3189



7.7179, 0.5181, 0.2628



0.3155, 0.4591, 0.2303

Inverse Universe

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



39.9435, 0.3266, 0.3145



68.6647, 0.3302, 0.3111



46.8533, 0.2927, 0.3273



9.6044, 0.3221, 0.3189



7.7179, 0.5181, 0.2628



0.3155, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 39.9417, 0.3266, 0.3145 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 39.9417, 0.3266, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

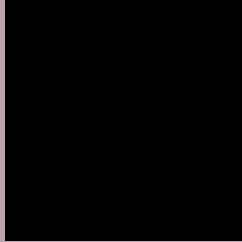
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9417, 0.3266, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 39.9417, 0.3266, 0.3145.



This preview shows how white text looks on a background with the Yxy color 39.9417, 0.3266, 0.3145.

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

39.9417, 0.3266, 0.3145

Protanopia

40.0963, 0.3069, 0.3180

Deuteranopia

39.7973, 0.3227, 0.3157



Tritanopia

39.9809, 0.3257, 0.3132

Trichromacy



Original Color

39.9417, 0.3266, 0.3145

Protanomaly

40.1191, 0.3142, 0.3168

Deuteranomaly

39.9212, 0.3237, 0.3157

Tritanomaly

39.9809, 0.3257, 0.3132

Monochromacy



Original Color

39.9417, 0.3266, 0.3145

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8580, 0.3175, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9417, 0.3266, 0.3145 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(188, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(188, 163, 174)  
}
```

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(188, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 163, 174) }
```

Border

The CSS property to change the border of an element to Yxy 39.9417, 0.3266, 0.3145 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(188, 163, 174) }
```

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

```
.border{ border-color:rgb(188, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(188, 163,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9417, 0.3266, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 163, 174) }
```

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

```
.background{ background-color: rgb(188,  
163, 174) }
```

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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