

Converting Colors

Yxy(39.8416, 0.3428, 0.3426)

Have a look what the booklet for
Yxy(39.8416, 0.3428, 0.3426)
contains.

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Color

Yxy(39.8416, 0.3428, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	BBA59B
RGB	187, 165, 155
RGB Percent	73%, 65%, 61%
CMY	0.2666, 0.3529, 0.3923
CMYK	0.00, 0.12, 0.17, 0.27
HSL	19°, 19%, 67%
HSV	19°, 17%, 73%
XYZ	39.8649, 39.8416, 36.5854
YIQ	170.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

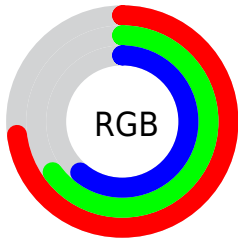
Format	Color
RYB	187, 170, 155
Decimal	12297627
CIELab	69.36, 6.36, 8.12
CIElCh	69, 10.315, 51.964
Yxy	39.8416, 0.3428, 0.3426
Android (android.graphics.Color)	4290487707 (0xFFBBA59B)
YUV	170.4380, -7.6109, 14.5249
Hunter-Lab	63.1202, 2.2750, 9.8188

Details

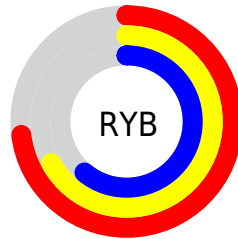
The Yxy color **39.8416, 0.3428, 0.3426** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9891, 0.2866, 0.3150**, and the grayscale version is **40.4616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8445, 0.3370, 0.3406**, and **17.8781, 0.3527, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **34.8596, 0.3647, 0.3511**, and if you desaturate by 10%, it is **45.3899, 0.3242, 0.3345**.

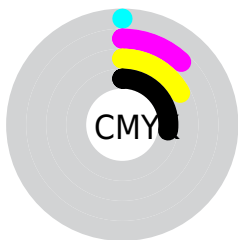
Distribution



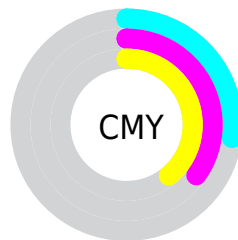
- Red (73%)
- Green (65%)
- Blue (61%)



- Red (73%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (27%)





- Cyan (27%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8416, 0.3428, 0.3426 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 39.8416, 0.3428, 0.3426 by changing the saturation by 10% instead.


 39.8416, 0.3428,
0.3426


 39.8416, 0.3428,
0.3426


345.4555, 0.3273,
0.3358

 27.4151, 0.3468,
0.3443


 74.9222, 0.3370,
0.3401

 17.8852, 0.3521,
0.3465


 98.3451, 0.3349,
0.3392

 10.8676, 0.3593,
0.3494


126.2023, 0.3331,
0.3384

 5.9779, 0.3697,
0.3534

158.8781, 0.3316,
0.3377

 2.8316, 0.3860,
0.3593

196.7569, 0.3303,
0.3372

 1.0445, 0.4230,
0.3756

240.2231, 0.3292,

 0.0000, 1.0000,

0.3366

0.0000

289.6612, 0.3282,
0.3362

■ 0.0000, 0.0000,
0.0000

■ 39.8416, 0.3428,
0.3426

■ 39.8416, 0.3428,
0.3426

■ 34.8596, 0.3647,
0.3511

■ 45.3899, 0.3242,
0.3345

■ 30.4204, 0.3904,
0.3597

■ 51.5164, 0.3085,
0.3269

■ 26.5067, 0.4200,
0.3678

■ 58.2393, 0.2952,
0.3199

■ 23.0981, 0.4531,
0.3748

■ 65.5746, 0.2839,
0.3135

■ 20.1730, 0.4888,
0.3795

■ 73.5374, 0.2744,
0.3076

■ 17.7078, 0.5248,
0.3807

■ 81.3332, 0.2723,
0.3149

■ 15.6770, 0.5582,
0.3775

■ 89.2528, 0.2736,
0.3288

■ 14.0501, 0.5858,
0.3697

■ 89.3062, 0.2736,
0.3289

■ 13.6496, 0.5930,
0.3673

Harmonies

Analogous

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



39.8416, 0.3386, 0.3298



39.8416, 0.3428, 0.3426



39.8416, 0.3387, 0.3522

Triad

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



39.8416, 0.3428, 0.3426



39.8416, 0.2981, 0.3412



39.8416, 0.2975, 0.3034

Complementary

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



39.8416, 0.3428, 0.3426



41.9891, 0.2866, 0.3150

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.



39.8416, 0.2872, 0.3057



39.8416, 0.3428, 0.3426



39.8416, 0.2875, 0.3273

Square

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



39.8416, 0.3428, 0.3426



39.8416, 0.3127, 0.3518



39.8416, 0.2835, 0.3143



39.8416, 0.3122, 0.3076

Rectangle

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



39.8416, 0.3428, 0.3426



39.8416, 0.3319, 0.3554



39.8416, 0.2835, 0.3143



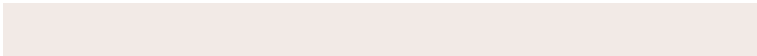
39.8416, 0.2935, 0.3034

Sweetspot

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



39.8434, 0.3428, 0.3426



83.4486, 0.3207, 0.3329



37.1890, 0.3235, 0.2993



18.2116, 0.3219, 0.3334



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.



39.8434, 0.3428, 0.3426



67.4752, 0.3516, 0.3461



45.8183, 0.3394, 0.3629



10.0108, 0.3281, 0.3362



9.5189, 0.5909, 0.3690



0.4932, 0.5427, 0.4073

Inverse Universe

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



41.9891, 0.2866, 0.3150



72.1174, 0.2802, 0.3112



36.1759, 0.2855, 0.2927



10.2917, 0.2985, 0.3216



13.3219, 0.1958, 0.2247



0.6338, 0.2035, 0.2526

Previews

White Background



This preview shows how the Yxy color 39.8416, 0.3428, 0.3426 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 39.8416, 0.3428, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

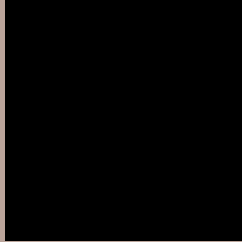
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8416, 0.3428, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 39.8416, 0.3428, 0.3426.



This preview shows how white text looks on a background with the Yxy color 39.8416, 0.3428, 0.3426.

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

39.8416, 0.3428, 0.3426

Protanopia

39.9242, 0.3287, 0.3457

Deuteranopia

39.6373, 0.3471, 0.3398



Tritanopia

39.8830, 0.3277, 0.3120

Trichromacy



Original Color

39.8416, 0.3428, 0.3426

Protanomaly

39.9893, 0.3335, 0.3456

Deuteranomaly

39.8646, 0.3459, 0.3411

Tritanomaly

39.8404, 0.3331, 0.3224

Monochromacy



Original Color

39.8416, 0.3428, 0.3426

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9520, 0.3227, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8416, 0.3428, 0.3426 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(187, 165, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 155)  
}
```

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(187, 165, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.8416, 0.3428, 0.3426 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(187, 165, 155) }
```

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

```
.border{ border-color:rgb(187, 165, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 165, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 165, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 165,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8416, 0.3428, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 155) }
```

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

```
.background{ background-color: rgb(187,  
165, 155) }
```

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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