

Converting Colors

$Yxy(42.4855, 0.3416, 0.3476)$

Have a look what the booklet for
Yxy(42.4855, 0.3416, 0.3476)
contains.

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Color

Yxy(42.3790, 0.3416, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	BDAB9D
RGB	189, 171, 157
RGB Percent	74%, 67%, 62%
CMY	0.2588, 0.3294, 0.3844
CMYK	0.00, 0.10, 0.17, 0.26
HSL	26°, 20%, 68%
HSV	26°, 17%, 74%
XYZ	41.6355, 42.3790, 37.8693
YIQ	174.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

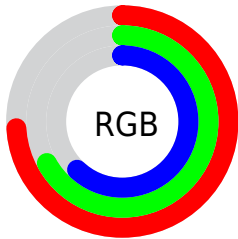
Format	Color
RYB	189, 182, 157
Decimal	12430237
CIELab	71.13, 4.17, 9.58
CIELCh	71, 10.444, 66.488
Yxy	42.3790, 0.3416, 0.3477
Android (android.graphics.Color)	4290620317 (0xFFBDAB9D)
YUV	174.7860, -8.7685, 12.4657
Hunter-Lab	65.0992, 0.2398, 11.0794

Details

The Yxy color $42.3790, 0.3416, 0.3477$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.4925, 0.2866, 0.3095$, and the grayscale version is $42.7944, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5587, 0.3355, 0.3435$, and $19.3852, 0.3493, 0.3528$ is the 20% darker color. If you saturate the color by 10%, you get $37.9308, 0.3622, 0.3594$, and if you desaturate by 10%, it is $47.2535, 0.3237, 0.3364$.

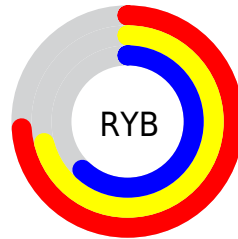
Distribution



Red (74%)

Green (67%)

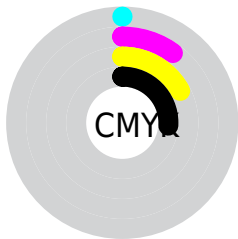
Blue (62%)



Red (74%)

Yellow (71%)

Blue (62%)

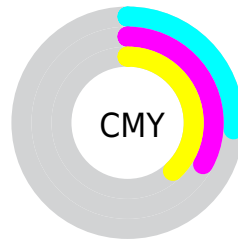


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3790, 0.3416, 0.3477 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 42.3790, 0.3416, 0.3477 by changing the saturation by 10% instead.

 42.3790, 0.3416,
0.3477

 42.3790, 0.3416,
0.3477


356.0516, 0.3269,
0.3383

 29.3982, 0.3454,
0.3500

 78.7729, 0.3362,
0.3443

 19.3822, 0.3503,
0.3531


 102.9548, 0.3342,
0.3430

 11.9468, 0.3569,
0.3571


131.6391, 0.3325,
0.3419

 6.7075, 0.3663,
0.3626

165.2103, 0.3310,
0.3410

 3.2798, 0.3808,
0.3709

204.0528, 0.3298,
0.3402

 1.2795, 0.4090,
0.3874

248.5509, 0.3287,

 0.1253, 0.6380,

0.3395

0.3620

299.0890, 0.3277,
0.3389

0.0000, 0.0000,
0.0000

42.3790, 0.3416,
0.3477

42.3790, 0.3416,
0.3477

37.9308, 0.3622,
0.3594

47.2535, 0.3237,
0.3364

33.8911, 0.3856,
0.3713

52.5602, 0.3082,
0.3259

30.2490, 0.4118,
0.3827

58.3121, 0.2949,
0.3160

26.9910, 0.4404,
0.3927

64.5198, 0.2834,
0.3070

24.1028, 0.4705,
0.4002

71.1936, 0.2734,
0.2987

■ 21.5686, 0.5005,
0.4040

■ 77.3130, 0.2726,
0.3069

■ 19.3713, 0.5284,
0.4029

■ 83.5708, 0.2737,
0.3186

■ 17.4905, 0.5522,
0.3966

■ 89.5608, 0.2747,
0.3289

■ 16.9728, 0.5591,
0.3943

Harmonies

Analogous

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



42.3790, 0.3414, 0.3361



42.3790, 0.3416, 0.3477



42.3790, 0.3339, 0.3546

Triad

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



42.3790, 0.3416, 0.3477



42.3790, 0.2924, 0.3346



42.3790, 0.3044, 0.3049

Complementary

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



42.3790, 0.3416, 0.3477



41.4925, 0.2866, 0.3095

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.



42.3790, 0.2916, 0.3040



42.3790, 0.3416, 0.3477



42.3790, 0.2849, 0.3208

Square

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



42.3790, 0.3416, 0.3477



42.3790, 0.3054, 0.3472



42.3790, 0.2846, 0.3096



42.3790, 0.3196, 0.3118

Rectangle

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



42.3790, 0.3416, 0.3477



42.3790, 0.3254, 0.3554



42.3790, 0.2846, 0.3096



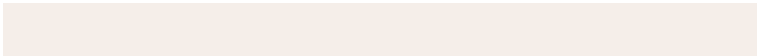
42.3790, 0.2997, 0.3038

Sweetspot

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



42.3809, 0.3416, 0.3477



86.3372, 0.3206, 0.3344



38.0244, 0.3273, 0.3051



18.4270, 0.3218, 0.3352



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.



42.3809, 0.3416, 0.3477



73.1253, 0.3482, 0.3516



48.7434, 0.3383, 0.3679



10.2053, 0.3278, 0.3391



11.5645, 0.5569, 0.3960



0.5833, 0.5159, 0.4286

Inverse Universe

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



41.4925, 0.2866, 0.3095



71.2623, 0.2813, 0.3053



35.6723, 0.2855, 0.2869



10.0910, 0.2984, 0.3187



9.5943, 0.1836, 0.1808



0.5039, 0.1944, 0.2199

Previews

White Background



This preview shows how the Yxy color 42.3790, 0.3416, 0.3477 looks on a white background.

Color Contrast Check

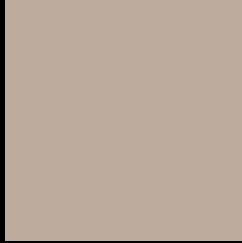
Large Text (above 18pt) WCAG AA × Fail

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 42.3790, 0.3416, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

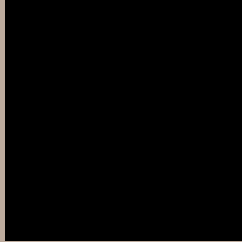
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3790, 0.3416, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 42.3790, 0.3416, 0.3477.



This preview shows how white text looks on a background with the Yxy color 42.3790, 0.3416, 0.3477.

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

42.3790, 0.3416, 0.3477

Protanopia

42.5645, 0.3326, 0.3507

Deuteranopia

42.3442, 0.3490, 0.3421



Tritanopia

42.5479, 0.3236, 0.3123

Trichromacy



Original Color

42.3790, 0.3416, 0.3477

Protanomaly

42.5461, 0.3356, 0.3492

Deuteranomaly

42.3139, 0.3459, 0.3435

Tritanomaly

42.4309, 0.3304, 0.3251

Monochromacy



Original Color

42.3790, 0.3416, 0.3477

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8026, 0.3231, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3790, 0.3416, 0.3477 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(189, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(189, 171, 157)  
}
```

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(189, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 171, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.3790, 0.3416, 0.3477 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(189, 171, 157) }
```

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

```
.border{ border-color:rgb(189, 171, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 171, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 171, 157);  
box-shadow:4px 4px 4px 4px rgb(189, 171,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3790, 0.3416, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 171, 157) }
```

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

```
.background{ background-color: rgb(189,  
171, 157) }
```

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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