

Converting Colors

$Y_{xy}(42.9973, 0.3486, 0.3577)$

Have a look what the booklet for
Yxy(42.9973, 0.3486, 0.3577)
contains.

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Color

Yxy(42.8158, 0.3486, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	BFAC97
RGB	191, 172, 151
RGB Percent	75%, 67%, 59%
CMY	0.2510, 0.3254, 0.4079
CMYK	0.00, 0.10, 0.21, 0.25
HSL	32°, 24%, 67%
HSV	32°, 21%, 75%
XYZ	41.8201, 42.8158, 35.3299
YIQ	175.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

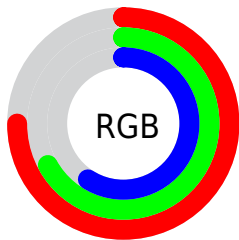
Format	Color
RYB	187, 191, 151
Decimal	12561559
CIELab	71.43, 3.44, 13.31
CIELCh	71, 13.746, 75.503
Yxy	42.8158, 0.3486, 0.3569
Android (android.graphics.Color)	4290751639 (0xFFBFAC97)
YUV	175.2870, -11.9735, 13.7803
Hunter-Lab	65.4338, -0.4261, 13.7910

Details

The Yxy color **42.8158, 0.3486, 0.3569** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0709, 0.2799, 0.2994**, and the grayscale version is **43.0819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3024, 0.3424, 0.3517**, and **19.6714, 0.3591, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **38.9151, 0.3692, 0.3710**, and if you desaturate by 10%, it is **47.0559, 0.3303, 0.3432**.

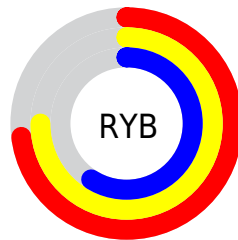
Distribution



Red (75%)

Green (67%)

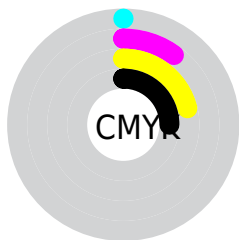
Blue (59%)



Red (73%)

Yellow (75%)

Blue (59%)

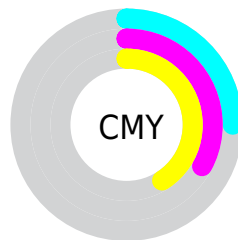


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8158, 0.3486, 0.3569 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 42.8158, 0.3486, 0.3569 by changing the saturation by 10% instead.

 42.8158, 0.3486,
0.3569

 42.8158, 0.3486,
0.3569


357.8537, 0.3303,
0.3429

 29.7406, 0.3532,
0.3604


 79.4328, 0.3419,
0.3518

 19.6418, 0.3593,
0.3649


 103.7434, 0.3394,
0.3499

 12.1349, 0.3673,
0.3708


132.5680, 0.3373,
0.3483

 6.8356, 0.3788,
0.3790

166.2909, 0.3355,
0.3469

 3.3595, 0.3960,
0.3911

205.2965, 0.3340,
0.3457

 1.3222, 0.4363,
0.4212

249.9693, 0.3326,

 0.1583, 0.5970,

0.3447

0.4030

300.6935, 0.3314,
0.3437

0.0000, 0.0000,
0.0000

42.8158, 0.3486,
0.3569

42.8158, 0.3486,
0.3569

38.9151, 0.3692,
0.3710

47.0559, 0.3303,
0.3432

35.3386, 0.3920,
0.3849

51.6387, 0.3141,
0.3302

32.0781, 0.4167,
0.3980

56.5747, 0.3000,
0.3180

29.1230, 0.4427,
0.4092

61.8722, 0.2876,
0.3067

26.4618, 0.4689,
0.4173

67.5392, 0.2768,
0.2964

■ 24.0818, 0.4939,
0.4211

■ 72.8834, 0.2729,
0.2976

■ 21.9690, 0.5161,
0.4197

■ 77.9511, 0.2738,
0.3077

■ 20.2663, 0.5335,
0.4146

■ 83.2831, 0.2747,
0.3176

■ 88.8832, 0.2756,
0.3273

Harmonies

Analogous

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



42.8158, 0.3517, 0.3430



42.8158, 0.3486, 0.3569



42.8158, 0.3357, 0.3637

Triad

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



42.8158, 0.3486, 0.3569



42.8158, 0.2823, 0.3307



42.8158, 0.3076, 0.2996

Complementary

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



42.8158, 0.3486, 0.3569



39.0709, 0.2799, 0.2994

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.



42.8158, 0.2895, 0.2958



42.8158, 0.3486, 0.3569



42.8158, 0.2753, 0.3130

Square

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



42.8158, 0.3486, 0.3569



42.8158, 0.2974, 0.3485



42.8158, 0.2778, 0.3005



42.8158, 0.3276, 0.3106

Rectangle

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



42.8158, 0.3486, 0.3569



42.8158, 0.3235, 0.3629



42.8158, 0.2778, 0.3005



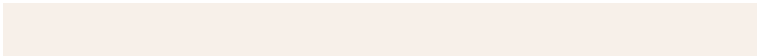
42.8158, 0.3011, 0.2974

Sweetspot

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



42.8177, 0.3486, 0.3569



88.1965, 0.3222, 0.3368



36.1160, 0.3347, 0.3035



19.2485, 0.3233, 0.3377



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.



42.8177, 0.3486, 0.3569



73.5162, 0.3575, 0.3631



50.4768, 0.3433, 0.3806



10.3440, 0.3276, 0.3411



13.4834, 0.5315, 0.4161



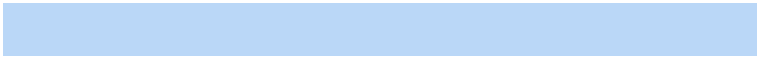
0.6583, 0.4977, 0.4430

Inverse Universe

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



39.0709, 0.2799, 0.2994



65.6352, 0.2726, 0.2922



32.5298, 0.2786, 0.2718



9.9516, 0.2984, 0.3166



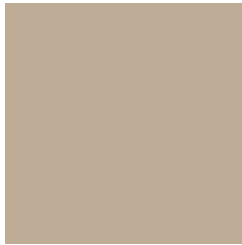
7.5021, 0.1754, 0.1513



0.4249, 0.1880, 0.1967

Previews

White Background



This preview shows how the Yxy color 42.8158, 0.3486, 0.3569 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 42.8158, 0.3486, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

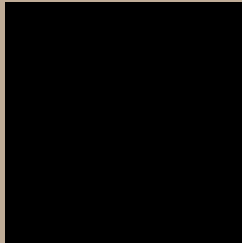
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8158, 0.3486, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 42.8158, 0.3486, 0.3569.



This preview shows how white text looks on a background with the Yxy color 42.8158, 0.3486, 0.3569.

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

42.8158, 0.3486, 0.3569

Protanopia

42.9942, 0.3394, 0.3601

Deuteranopia

42.9223, 0.3572, 0.3510



Tritanopia

42.9436, 0.3263, 0.3125

Trichromacy



Original Color

42.8158, 0.3486, 0.3569

Protanomaly

42.9782, 0.3425, 0.3585

Deuteranomaly

42.8868, 0.3540, 0.3525

Tritanomaly

42.7475, 0.3350, 0.3278

Monochromacy



Original Color

42.8158, 0.3486, 0.3569

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8490, 0.3257, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8158, 0.3486, 0.3569 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(191, 172, 151)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 151)  
}
```

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(191, 172, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 151) }
```

Border

The CSS property to change the border of an element to Yxy 42.8158, 0.3486, 0.3569 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(191, 172, 151) }
```

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

```
.border{ border-color:rgb(191, 172, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 172, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 151);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8158, 0.3486, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 151) }
```

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

```
.background{ background-color: rgb(191,  
172, 151) }
```

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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