

Converting Colors

$Yxy(43.9327, 0.3444, 0.3581)$

Have a look what the booklet for
Yxy(43.9327, 0.3444, 0.3581)
contains.

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Color

Yxy(43.9070, 0.3451, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	BEAF99
RGB	190, 175, 153
RGB Percent	75%, 69%, 60%
CMY	0.2550, 0.3137, 0.3999
CMYK	0.00, 0.08, 0.19, 0.25
HSL	36°, 22%, 67%
HSV	36°, 19%, 75%
XYZ	42.3131, 43.9070, 36.3909
YIQ	176.9770, 16.0020, -3.6620

Conversions

Conversions Part 2

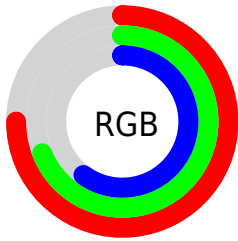
Format	Color
RYB	178, 190, 153
Decimal	12496793
CIELab	72.17, 1.75, 13.22
CIELCh	72, 13.332, 82.436
Yxy	43.9070, 0.3451, 0.3581
Android (android.graphics.Color)	4290686873 (0xFFBEAF99)
YUV	176.9770, -11.8207, 11.4212
Hunter-Lab	66.2624, -1.9746, 13.8219

Details

The Yxy color $43.9070, 0.3451, 0.3581$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.4955, 0.2821, 0.2981$, and the grayscale version is $44.0113, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.8728, 0.3398, 0.3527$, and $20.3595, 0.3540, 0.3671$ is the 20% darker color. If you saturate the color by 10%, you get $40.4187, 0.3645, 0.3738$, and if you desaturate by 10%, it is $47.6700, 0.3276, 0.3428$.

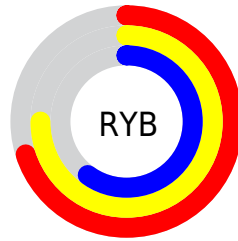
Distribution



Red (75%)

Green (69%)

Blue (60%)



Red (70%)

Yellow (75%)

Blue (60%)

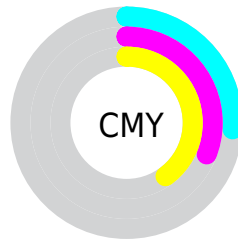


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (25%)



Cyan (26%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9070, 0.3451, 0.3581 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 43.9070, 0.3451, 0.3581 by changing the saturation by 10% instead.


 43.9070, 0.3451,
0.3581

 43.9070, 0.3451,
0.3581


362.3286, 0.3287,
0.3435

 30.5974, 0.3492,
0.3618


 81.0778, 0.3391,
0.3528

 20.2925, 0.3546,
0.3665


 105.7078, 0.3369,
0.3508

 12.6078, 0.3617,
0.3727


134.8800, 0.3350,
0.3491

 7.1591, 0.3718,
0.3814

168.9788, 0.3334,
0.3477

 3.5618, 0.3868,
0.3942

208.3888, 0.3320,
0.3464

 1.4316, 0.4185,
0.4217

253.4941, 0.3308,

 0.2398, 0.5303,

0.3453

0.4697

304.6793, 0.3297,
0.3444

0.0000, 0.0000,
0.0000

43.9070, 0.3451,
0.3581

43.9070, 0.3451,
0.3581

40.4187, 0.3645,
0.3738

47.6700, 0.3276,
0.3428

37.1917, 0.3857,
0.3895

51.7089, 0.3119,
0.3282

34.2199, 0.4083,
0.4043

56.0326, 0.2980,
0.3146

31.4948, 0.4317,
0.4174

60.6476, 0.2858,
0.3019

29.0071, 0.4550,
0.4275

65.5602, 0.2749,
0.2903

■ 26.7467, 0.4769,
0.4335

■ 69.9784, 0.2718,
0.2918

■ 24.7020, 0.4962,
0.4345

■ 74.1412, 0.2726,
0.3004

■ 22.8544, 0.5125,
0.4308

■ 78.4928, 0.2734,
0.3090

■ 22.7582, 0.5134,
0.4306

■ 83.0356, 0.2741,
0.3174

Harmonies

Analogous

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



43.9070, 0.3504, 0.3460



43.9070, 0.3451, 0.3581



43.9070, 0.3310, 0.3626

Triad

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



43.9070, 0.3451, 0.3581



43.9070, 0.2811, 0.3265



43.9070, 0.3123, 0.3026

Complementary

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



43.9070, 0.3451, 0.3581



38.4955, 0.2821, 0.2981

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.



43.9070, 0.2940, 0.2972



43.9070, 0.3451, 0.3581



43.9070, 0.2764, 0.3103

Square

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



43.9070, 0.3451, 0.3581



43.9070, 0.2941, 0.3441



43.9070, 0.2810, 0.2998



43.9070, 0.3312, 0.3145

Rectangle

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



43.9070, 0.3451, 0.3581



43.9070, 0.3187, 0.3603



43.9070, 0.2810, 0.2998



43.9070, 0.3058, 0.3000

Sweetspot

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



43.9090, 0.3451, 0.3581



88.8035, 0.3221, 0.3378



36.5777, 0.3352, 0.3086



19.3957, 0.3232, 0.3388



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.



43.9090, 0.3451, 0.3581



77.0492, 0.3525, 0.3642



49.6726, 0.3389, 0.3772



10.4544, 0.3274, 0.3426



15.2931, 0.5118, 0.4318



0.7244, 0.4841, 0.4538

Inverse Universe

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



38.4955, 0.2821, 0.2981



65.5879, 0.2756, 0.2910



33.5850, 0.2836, 0.2767



9.8429, 0.2984, 0.3150



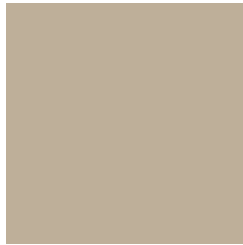
6.1448, 0.1694, 0.1299



0.3695, 0.1830, 0.1787

Previews

White Background



This preview shows how the Yxy color 43.9070, 0.3451, 0.3581 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 43.9070, 0.3451, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

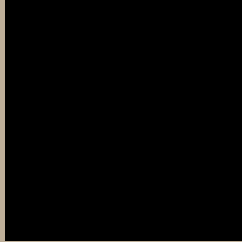
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9070, 0.3451, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 43.9070, 0.3451, 0.3581.



This preview shows how white text looks on a background with the Yxy color 43.9070, 0.3451, 0.3581.

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

43.9070, 0.3451, 0.3581

Protanopia

43.6980, 0.3394, 0.3585

Deuteranopia

43.6391, 0.3569, 0.3495



Tritanopia

44.0558, 0.3225, 0.3125

Trichromacy



Original Color

43.9070, 0.3451, 0.3581

Protanomaly

43.9486, 0.3412, 0.3583

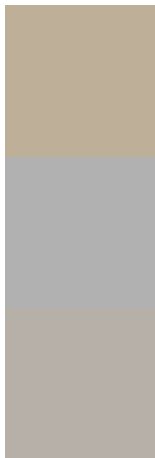
Deuteranomaly

43.8439, 0.3526, 0.3523

Tritanomaly

43.8596, 0.3310, 0.3278

Monochromacy



Original Color

43.9070, 0.3451, 0.3581

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8229, 0.3247, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9070, 0.3451, 0.3581 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(190, 175, 153)` looks like.

```
.text, #text, p{  
    color:rgb(190, 175, 153)  
}
```

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(190, 175, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 175, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.9070, 0.3451, 0.3581 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(190, 175, 153) }
```

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

```
.border{ border-color:rgb(190, 175, 153) }
```

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

Here you see how a box with a 4 pixel rgb(190, 175, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 175, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 175, 153);  
box-shadow:4px 4px 4px 4px rgb(190, 175,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9070, 0.3451, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 175, 153) }
```

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

```
.background{ background-color: rgb(190,  
175, 153) }
```

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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