

Converting Colors

Yxy(42.9846, 0.3492, 0.3608)

Have a look what the booklet for
Yxy(42.9846, 0.3492, 0.3608)
contains.

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Color

Yxy(43.0042, 0.3492, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	BEAD95
RGB	190, 173, 149
RGB Percent	75%, 68%, 58%
CMY	0.2548, 0.3216, 0.4157
CMYK	0.00, 0.09, 0.22, 0.25
HSL	35°, 24%, 66%
HSV	35°, 22%, 75%
XYZ	41.6100, 43.0042, 34.5440
YIQ	175.3470, 17.8360, -3.8600

Conversions

Conversions Part 2

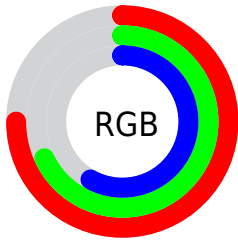
Format	Color
R _Y B	178, 190, 149
Decimal	12496277
CIE Lab	71.56, 2.25, 14.56
CIE LCh	72, 14.729, 81.208
Yxy	43.0042, 0.3492, 0.3609
Android (android.graphics.Color)	4290686357 (0xFFBEAD95)
YUV	175.3470, -12.9891, 12.8507
Hunter-Lab	65.5776, -1.4996, 14.6724

Details

The Yxy color **43.0042, 0.3492, 0.3609** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3992, 0.2786, 0.2949**, and the grayscale version is **43.1236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5728, 0.3428, 0.3548**, and **19.7908, 0.3598, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **39.5097, 0.3692, 0.3764**, and if you desaturate by 10%, it is **46.7805, 0.3312, 0.3457**.

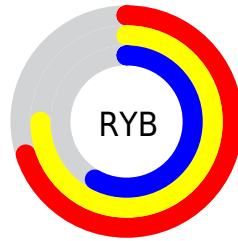
Distribution



Red (75%)

Green (68%)

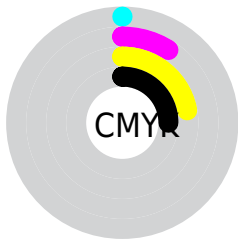
Blue (58%)



Red (70%)

Yellow (75%)

Blue (58%)

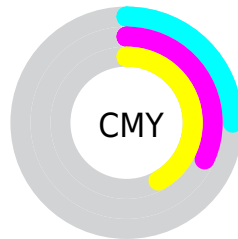


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0042, 0.3492, 0.3609 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 43.0042, 0.3492, 0.3609 by changing the saturation by 10% instead.


 43.0042, 0.3492,
0.3609


 43.0042, 0.3492,
0.3609


358.6290, 0.3307,
0.3449

 29.8884, 0.3539,
0.3649


 79.7172, 0.3424,
0.3551

 19.7539, 0.3600,
0.3701


 104.0832, 0.3399,
0.3529

 12.2163, 0.3681,
0.3769


132.9681, 0.3378,
0.3510

 6.8912, 0.3795,
0.3864

166.7562, 0.3359,
0.3494

 3.3941, 0.3966,
0.4003

205.8319, 0.3344,
0.3481

 1.3408, 0.4399,
0.4375

250.5797, 0.3330,

 0.1725, 0.5593,

0.3469

0.4407

301.3840, 0.3318,
0.3458

0.0000, 0.0000,
0.0000

43.0042, 0.3492,
0.3609

43.0042, 0.3492,
0.3609

39.5097, 0.3692,
0.3764

46.7805, 0.3312,
0.3457

36.2832, 0.3909,
0.3917

50.8402, 0.3151,
0.3312

33.3185, 0.4140,
0.4060

55.1924, 0.3008,
0.3176

30.6066, 0.4378,
0.4183

59.8438, 0.2883,
0.3050

28.1377, 0.4614,
0.4275

64.8010, 0.2772,
0.2933

■ 25.9012, 0.4833,
0.4322

■ 69.5425, 0.2717,
0.2908

■ 23.8850, 0.5024,
0.4319

■ 73.7928, 0.2725,
0.2997

■ 22.3428, 0.5163,
0.4282

■ 78.2415, 0.2733,
0.3085

■ 82.8911, 0.2741,
0.3171

Harmonies

Analogous

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



43.0042, 0.3547, 0.3471



43.0042, 0.3492, 0.3609



43.0042, 0.3338, 0.3665

Triad

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



43.0042, 0.3492, 0.3609



43.0042, 0.2780, 0.3269



43.0042, 0.3113, 0.2993

Complementary

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



43.0042, 0.3492, 0.3609



37.3992, 0.2786, 0.2949

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.



43.0042, 0.2911, 0.2937



43.0042, 0.3492, 0.3609



43.0042, 0.2724, 0.3087

Square

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



43.0042, 0.3492, 0.3609



43.0042, 0.2927, 0.3466



43.0042, 0.2771, 0.2969



43.0042, 0.3324, 0.3122

Rectangle

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



43.0042, 0.3492, 0.3609



43.0042, 0.3202, 0.3643



43.0042, 0.2771, 0.2969



43.0042, 0.3041, 0.2965

Sweetspot

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



43.0061, 0.3492, 0.3609



88.7137, 0.3221, 0.3377



35.2057, 0.3382, 0.3062



19.3739, 0.3232, 0.3386



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.



43.0061, 0.3492, 0.3609



74.7805, 0.3586, 0.3684



49.5277, 0.3418, 0.3826



10.4380, 0.3274, 0.3424



15.0088, 0.5147, 0.4295



0.7142, 0.4861, 0.4522

Inverse Universe

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



37.3992, 0.2786, 0.2949



62.7792, 0.2706, 0.2861



31.9331, 0.2799, 0.2702



9.8589, 0.2984, 0.3152



6.3297, 0.1703, 0.1329



0.3773, 0.1837, 0.1813

Previews

White Background



This preview shows how the Yxy color 43.0042, 0.3492, 0.3609 looks on a white background.

Color Contrast Check

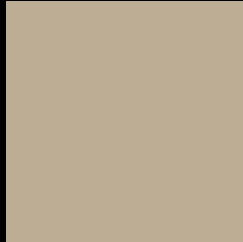
Large Text (above 18pt) WCAG AA × Fail

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 43.0042, 0.3492, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

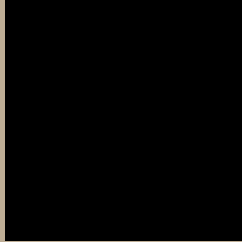
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

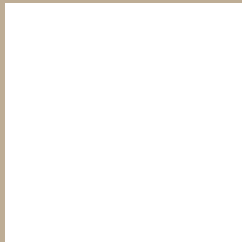
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0042, 0.3492, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 43.0042, 0.3492, 0.3609.



This preview shows how white text looks on a background with the Yxy color 43.0042, 0.3492, 0.3609.

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

43.0042, 0.3492, 0.3609

Protanopia

43.0523, 0.3421, 0.3628

Deuteranopia

42.9954, 0.3600, 0.3535



Tritanopia

42.8520, 0.3245, 0.3112

Trichromacy



Original Color

43.0042, 0.3492, 0.3609

Protanomaly

42.9132, 0.3442, 0.3613

Deuteranomaly

42.8218, 0.3558, 0.3551

Tritanomaly

42.9892, 0.3339, 0.3291

Monochromacy



Original Color

43.0042, 0.3492, 0.3609

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7286, 0.3248, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0042, 0.3492, 0.3609 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, 173, 149)` looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 149)  
}
```

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, 173, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 149) }
```

Border

The CSS property to change the border of an element to Yxy 43.0042, 0.3492, 0.3609 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, 173, 149) }
```

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

```
.border{ border-color:rgb(190, 173, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 173, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 149);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0042, 0.3492, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 149) }
```

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

```
.background{ background-color: rgb(190,  
173, 149) }
```

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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