

Converting Colors

$Y_{xy}(43.1053, 0.3342, 0.3495)$

Have a look what the booklet for
Yxy(43.1053, 0.3342, 0.3495)
contains.

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Color

Yxy(42.9657, 0.3345, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	B8AE9F
RGB	184, 174, 159
RGB Percent	72%, 68%, 62%
CMY	0.2785, 0.3176, 0.3765
CMYK	0.00, 0.05, 0.14, 0.28
HSL	36°, 15%, 67%
HSV	36°, 14%, 72%
XYZ	41.1570, 42.9657, 38.9177
YIQ	175.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

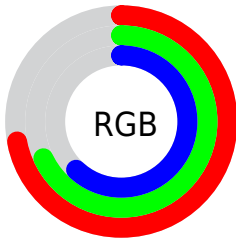
Format	Color
RYB	176, 184, 159
Decimal	12103327
CIELab	71.53, 0.98, 8.98
CIELCh	72, 9.034, 83.766
Yxy	42.9657, 0.3345, 0.3492
Android (android.graphics.Color)	4290293407 (0xFFB8AE9F)
YUV	175.2800, -8.0260, 7.6474
Hunter-Lab	65.5482, -2.6312, 10.6818

Details

The Yxy color $42.9657, 0.3345, 0.3492$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.1893, 0.2917, 0.3079$, and the grayscale version is $43.0599, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4189, 0.3302, 0.3446$, and $19.8271, 0.3406, 0.3549$ is the 20% darker color. If you saturate the color by 10%, you get $39.6168, 0.3527, 0.3649$, and if you desaturate by 10%, it is $46.5684, 0.3181, 0.3342$.

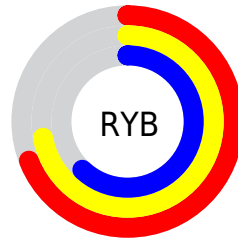
Distribution



Red (72%)

Green (68%)

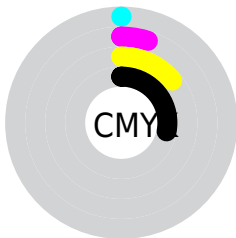
Blue (62%)



Red (69%)

Yellow (72%)

Blue (62%)

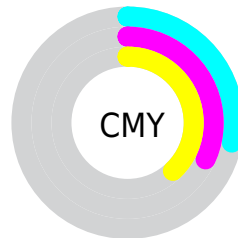


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9657, 0.3345, 0.3492 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 42.9657, 0.3345, 0.3492 by changing the saturation by 10% instead.


 42.9657, 0.3345,
0.3492


 42.9657, 0.3345,
0.3492


358.4707, 0.3234,
0.3390

 29.8582, 0.3373,
0.3518

 79.6591, 0.3304,
0.3455

 19.7310, 0.3410,
0.3551


 104.0138, 0.3289,
0.3441

 12.1996, 0.3459,
0.3596


132.8863, 0.3277,
0.3429

 6.8798, 0.3528,
0.3659

166.6611, 0.3266,
0.3419

 3.3870, 0.3634,
0.3755

205.7226, 0.3256,
0.3410

 1.3370, 0.3829,
0.3930

250.4550, 0.3248,

 0.1696, 0.5219,

0.3403

0.4781

301.2430, 0.3241,
0.3396

0.0000, 0.0000,
0.0000

42.9657, 0.3345,
0.3492

42.9657, 0.3345,
0.3492

39.6168, 0.3527,
0.3649

46.5684, 0.3181,
0.3342

36.5094, 0.3728,
0.3807

50.4256, 0.3036,
0.3200

33.6383, 0.3944,
0.3963

54.5452, 0.2907,
0.3068

30.9962, 0.4172,
0.4106

58.9330, 0.2793,
0.2947

28.5751, 0.4404,
0.4227

63.5946, 0.2692,
0.2835

■ 26.3661, 0.4629,
0.4314

■ 67.5745, 0.2679,
0.2878

■ 24.3596, 0.4835,
0.4356

■ 71.4666, 0.2687,
0.2962

■ 22.5444, 0.5012,
0.4347

■ 75.5294, 0.2696,
0.3045

■ 21.4687, 0.5114,
0.4322

■ 79.7649, 0.2704,
0.3127

Harmonies

Analogous

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



42.9657, 0.3384, 0.3413



42.9657, 0.3345, 0.3492



42.9657, 0.3248, 0.3518

Triad

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



42.9657, 0.3345, 0.3492



42.9657, 0.2907, 0.3269



42.9657, 0.3131, 0.3110

Complementary

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



42.9657, 0.3345, 0.3492



39.1893, 0.2917, 0.3079

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.



42.9657, 0.3004, 0.3071



42.9657, 0.3345, 0.3492



42.9657, 0.2877, 0.3160

Square

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



42.9657, 0.3345, 0.3492



42.9657, 0.2995, 0.3388



42.9657, 0.2912, 0.3088



42.9657, 0.3259, 0.3195

Rectangle

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



42.9657, 0.3345, 0.3492



42.9657, 0.3164, 0.3499



42.9657, 0.2912, 0.3088



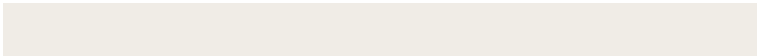
42.9657, 0.3087, 0.3091

Sweetspot

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



42.9676, 0.3345, 0.3492



84.1115, 0.3189, 0.3349



37.8435, 0.3279, 0.3156



18.0240, 0.3201, 0.3360



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9676, 0.3345, 0.3492



76.2338, 0.3392, 0.3534



46.6589, 0.3305, 0.3623



9.8859, 0.3273, 0.3427



14.9403, 0.5099, 0.4333



0.6442, 0.4808, 0.4564

Inverse Universe

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



39.1893, 0.2917, 0.3079



68.1828, 0.2874, 0.3034



35.8788, 0.2936, 0.2939



9.2916, 0.2985, 0.3149



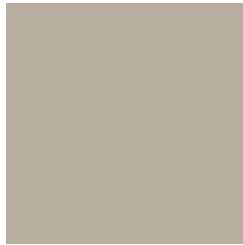
5.8355, 0.1690, 0.1283



0.3278, 0.1837, 0.1814

Previews

White Background



This preview shows how the Yxy color 42.9657, 0.3345, 0.3492 looks on a white background.

Color Contrast Check

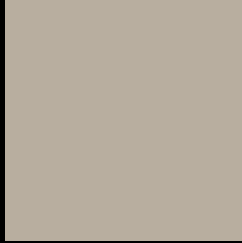
Large Text (above 18pt) WCAG AA × Fail

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 42.9657, 0.3345, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

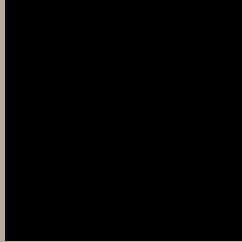
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9657, 0.3345, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 42.9657, 0.3345, 0.3492.

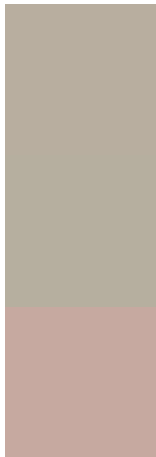


This preview shows how white text looks on a background with the Yxy color 42.9657, 0.3345, 0.3492.

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

42.9657, 0.3345, 0.3492

Protanopia

43.1082, 0.3325, 0.3506

Deuteranopia

42.9198, 0.3479, 0.3407



Tritanopia

42.7749, 0.3163, 0.3109

Trichromacy



Original Color

42.9657, 0.3345, 0.3492

Protanomaly

43.2304, 0.3334, 0.3505

Deuteranomaly

43.0013, 0.3427, 0.3435

Tritanomaly

42.6601, 0.3229, 0.3238

Monochromacy



Original Color

42.9657, 0.3345, 0.3492

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9895, 0.3203, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9657, 0.3345, 0.3492 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(184, 174, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 159)  
}
```

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(184, 174, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.9657, 0.3345, 0.3492 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(184, 174, 159) }
```

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

```
.border{ border-color:rgb(184, 174, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9657, 0.3345, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 159) }
```

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

```
.background{ background-color: rgb(184,  
174, 159) }
```

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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