

Converting Colors

$Y_{xy}(42.5699, 0.3342, 0.3474)$

Have a look what the booklet for
Yxy(42.5699, 0.3342, 0.3474)
contains.

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Color

Yxy(42.5807, 0.3347, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	B8AD9F
RGB	184, 173, 159
RGB Percent	72%, 68%, 62%
CMY	0.2785, 0.3215, 0.3766
CMYK	0.00, 0.06, 0.14, 0.28
HSL	34°, 15%, 67%
HSV	34°, 14%, 72%
XYZ	40.9651, 42.5807, 38.8477
YIQ	174.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

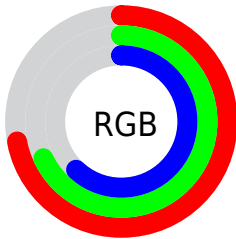
Format	Color
RYB	179, 184, 159
Decimal	12103071
CIELab	71.27, 1.52, 8.61
CIELCh	71, 8.747, 79.976
Yxy	42.5807, 0.3347, 0.3479
Android (android.graphics.Color)	4290293151 (0xFFB8AD9F)
YUV	174.6930, -7.7366, 8.1622
Hunter-Lab	65.2539, -2.1355, 10.3805

Details

The Yxy color **42.5807, 0.3347, 0.3479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5607, 0.2917, 0.3094**, and the grayscale version is **42.7388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8671, 0.3303, 0.3436**, and **19.5827, 0.3409, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **38.9863, 0.3533, 0.3626**, and if you desaturate by 10%, it is **46.4612, 0.3182, 0.3339**.

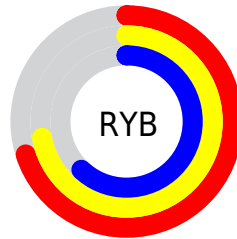
Distribution



Red (72%)

Green (68%)

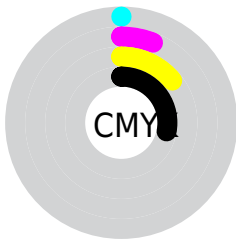
Blue (62%)



Red (70%)

Yellow (72%)

Blue (62%)

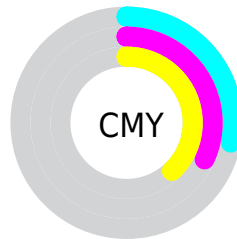


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5807, 0.3347, 0.3479 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 42.5807, 0.3347, 0.3479 by changing the saturation by 10% instead.

■ 42.5807, 0.3347,
0.3479

■ 42.5807, 0.3347,
0.3479

356.8846, 0.3235,
0.3384

■ 29.5563, 0.3376,
0.3503

■ 79.0777, 0.3306,
0.3444

■ 19.5020, 0.3413,
0.3534

■ 103.3191, 0.3291,
0.3431

■ 12.0336, 0.3462,
0.3576

132.0683, 0.3278,
0.3420

■ 6.7666, 0.3533,
0.3635

165.7096, 0.3267,
0.3411

■ 3.3165, 0.3642,
0.3725

204.6275, 0.3257,
0.3402

■ 1.2991, 0.3844,
0.3891

249.2064, 0.3249,

■ 0.1405, 0.5485,

0.3395

0.4515

299.8306, 0.3242,
0.3389

0.0000, 0.0000,
0.0000

42.5807, 0.3347,
0.3479

42.5807, 0.3347,
0.3479

38.9863, 0.3533,
0.3626

46.4612, 0.3182,
0.3339

35.6649, 0.3739,
0.3775

50.6292, 0.3036,
0.3206

32.6104, 0.3964,
0.3921

55.0935, 0.2907,
0.3084

29.8146, 0.4203,
0.4056

59.8606, 0.2794,
0.2970

27.2685, 0.4451,
0.4168

64.9368, 0.2695,
0.2866

■ 24.9624, 0.4694,
0.4247

■ 69.3680, 0.2683,
0.2917

■ 22.8856, 0.4920,
0.4281

■ 73.7475, 0.2692,
0.3009

■ 21.0258, 0.5116,
0.4262

■ 78.3352, 0.2701,
0.3099

■ 19.9363, 0.5228,
0.4231

■ 83.1337, 0.2711,
0.3188

Harmonies

Analogous

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



42.5807, 0.3376, 0.3397



42.5807, 0.3347, 0.3479



42.5807, 0.3258, 0.3511

Triad

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



42.5807, 0.3347, 0.3479



42.5807, 0.2922, 0.3285



42.5807, 0.3114, 0.3108

Complementary

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



42.5807, 0.3347, 0.3479



39.5607, 0.2917, 0.3094

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.



42.5807, 0.2994, 0.3076



42.5807, 0.3347, 0.3479



42.5807, 0.2885, 0.3175

Square

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



42.5807, 0.3347, 0.3479



42.5807, 0.3013, 0.3398



42.5807, 0.2911, 0.3100



42.5807, 0.3240, 0.3185

Rectangle

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



42.5807, 0.3347, 0.3479



42.5807, 0.3179, 0.3499



42.5807, 0.2911, 0.3100



42.5807, 0.3072, 0.3092

Sweetspot

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



42.5826, 0.3347, 0.3479



83.8908, 0.3189, 0.3345



37.8872, 0.3267, 0.3139



17.9679, 0.3201, 0.3355



93.3107, 0.3127, 0.3290



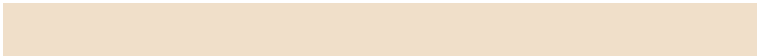
18.7317, 0.3127, 0.3290

Same Dimension

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



42.5826, 0.3347, 0.3479



75.4103, 0.3395, 0.3518



46.8151, 0.3316, 0.3622



9.8256, 0.3274, 0.3418



13.8842, 0.5212, 0.4243



0.6105, 0.4883, 0.4505

Inverse Universe

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



39.5607, 0.2917, 0.3094



68.9762, 0.2875, 0.3051



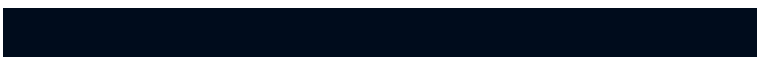
35.7439, 0.2924, 0.2937



9.3507, 0.2985, 0.3158



6.5526, 0.1723, 0.1403



0.3546, 0.1865, 0.1915

Previews

White Background



This preview shows how the Yxy color 42.5807, 0.3347, 0.3479 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 42.5807, 0.3347, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

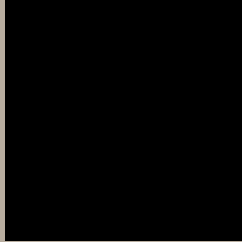
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

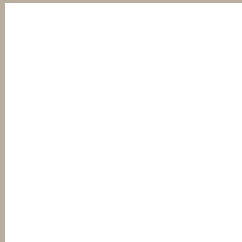
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5807, 0.3347, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 42.5807, 0.3347, 0.3479.



This preview shows how white text looks on a background with the Yxy color 42.5807, 0.3347, 0.3479.

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

42.5807, 0.3347, 0.3479

Protanopia

42.5991, 0.3317, 0.3493

Deuteranopia

42.4136, 0.3471, 0.3395



Tritanopia

42.3596, 0.3172, 0.3108

Trichromacy



Original Color

42.5807, 0.3347, 0.3479

Protanomaly

42.7204, 0.3326, 0.3493

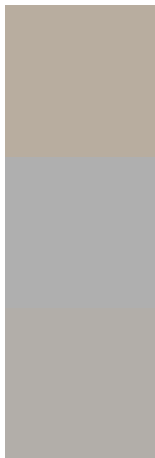
Deuteranomaly

42.4940, 0.3419, 0.3422

Tritanomaly

42.2445, 0.3239, 0.3238

Monochromacy



Original Color

42.5807, 0.3347, 0.3479

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6017, 0.3205, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5807, 0.3347, 0.3479 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, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 173, 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, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 173, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.5807, 0.3347, 0.3479 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, 173, 159) }
```

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

```
.border{ border-color:rgb(184, 173, 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, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 173,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5807, 0.3347, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 173, 159) }
```

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

```
.background{ background-color: rgb(184,  
173, 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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