

Converting Colors

$Yxy(42.6109, 0.3296, 0.3363)$

Have a look what the booklet for
Yxy(42.6109, 0.3296, 0.3363)
contains.

Yxy(42.5725, 0.3297, 0.3370)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.5725, 0.3297, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	B9ACA6
RGB	185, 172, 166
RGB Percent	73%, 67%, 65%
CMY	0.2744, 0.3255, 0.3490
CMYK	0.00, 0.07, 0.10, 0.27
HSL	19°, 12%, 69%
HSV	19°, 10%, 73%
XYZ	41.6503, 42.5725, 42.1051
YIQ	175.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

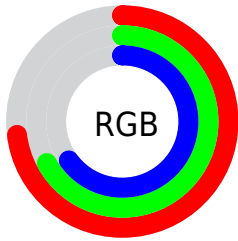
Format	Color
RYB	185, 175, 166
Decimal	12168358
CIELab	71.26, 3.64, 4.75
CIELCh	71, 5.981, 52.503
Yxy	42.5725, 0.3297, 0.3370
Android (android.graphics.Color)	4290358438 (0xFFB9ACA6)
YUV	175.2030, -4.5371, 8.5920
Hunter-Lab	65.2476, -0.2392, 7.4128

Details

The Yxy color **42.5725, 0.3297, 0.3370** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8768, 0.2971, 0.3209**, and the grayscale version is **43.0039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8594, 0.3265, 0.3352**, and **19.5534, 0.3351, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **37.3418, 0.3493, 0.3453**, and if you desaturate by 10%, it is **48.3659, 0.3131, 0.3292**.

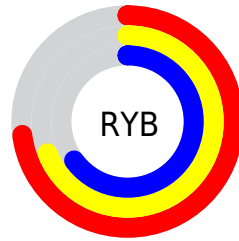
Distribution



Red (73%)

Green (67%)

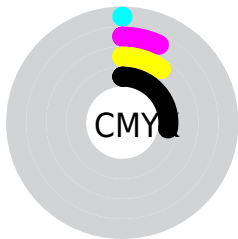
Blue (65%)



Red (73%)

Yellow (69%)

Blue (65%)

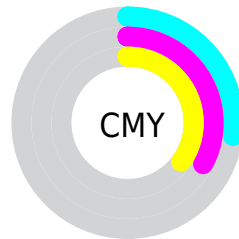


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5725, 0.3297, 0.3370 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 42.5725, 0.3297, 0.3370 by changing the saturation by 10% instead.

 42.5725, 0.3297,
0.3370

 42.5725, 0.3297,
0.3370


356.8507, 0.3211,
0.3330

 29.5498, 0.3319,
0.3380


 79.0653, 0.3265,
0.3355

 19.4972, 0.3348,
0.3393


 103.3043, 0.3253,
0.3350

 12.0301, 0.3387,
0.3410


132.0509, 0.3243,
0.3345

 6.7642, 0.3442,
0.3434

165.6893, 0.3235,
0.3341

 3.3150, 0.3528,
0.3470

204.6042, 0.3228,
0.3338

 1.2983, 0.3677,
0.3530

249.1798, 0.3221,

 0.1399, 0.6133,

0.3335

0.3867

299.8005, 0.3216,
0.3332

0.0000, 0.0000,
0.0000

42.5725, 0.3297,
0.3370

42.5725, 0.3297,
0.3370

37.3418, 0.3493,
0.3453

48.3659, 0.3131,
0.3292

32.6512, 0.3723,
0.3539

54.7325, 0.2991,
0.3220

28.4847, 0.3992,
0.3624

61.6899, 0.2873,
0.3154

24.8233, 0.4298,
0.3703

69.2531, 0.2772,
0.3093

21.6469, 0.4639,
0.3767

77.2067, 0.2705,
0.3075

■ 18.9340, 0.4998,
0.3805

■ 84.7521, 0.2719,
0.3215

■ 16.6612, 0.5354,
0.3804

■ 89.0587, 0.2726,
0.3289

■ 14.8026, 0.5672,
0.3757

■ 13.3593, 0.5927,
0.3676

Harmonies

Analogous

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



42.5725, 0.3274, 0.3297



42.5725, 0.3297, 0.3370



42.5725, 0.3274, 0.3423

Triad

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



42.5725, 0.3297, 0.3370



42.5725, 0.3043, 0.3358



42.5725, 0.3043, 0.3143

Complementary

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



42.5725, 0.3297, 0.3370



43.8768, 0.2971, 0.3209

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.



42.5725, 0.2982, 0.3157



42.5725, 0.3297, 0.3370



42.5725, 0.2982, 0.3280

Square

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



42.5725, 0.3297, 0.3370



42.5725, 0.3126, 0.3417



42.5725, 0.2960, 0.3207



42.5725, 0.3126, 0.3168

Rectangle

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



42.5725, 0.3297, 0.3370



42.5725, 0.3235, 0.3439



42.5725, 0.2960, 0.3207



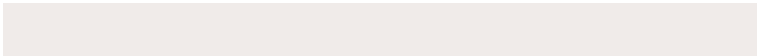
42.5725, 0.3019, 0.3144

Sweetspot

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



42.5744, 0.3297, 0.3370



83.6122, 0.3175, 0.3313



40.8646, 0.3188, 0.3115



17.8423, 0.3187, 0.3319



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.



42.5744, 0.3297, 0.3370



74.3457, 0.3332, 0.3386



46.2145, 0.3283, 0.3491



9.4604, 0.3280, 0.3362



9.2095, 0.5904, 0.3694



0.4389, 0.5386, 0.4105

Inverse Universe

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



43.8768, 0.2971, 0.3209



77.0755, 0.2941, 0.3193



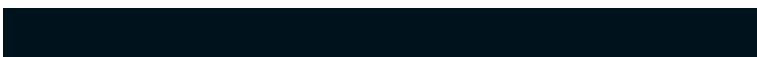
40.2946, 0.2969, 0.3081



9.7217, 0.2985, 0.3217



12.8323, 0.1957, 0.2245



0.5579, 0.2041, 0.2546

Previews

White Background



This preview shows how the Yxy color 42.5725, 0.3297, 0.3370 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 42.5725, 0.3297, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

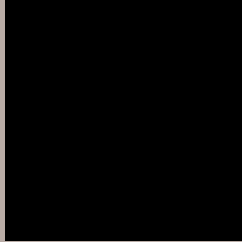
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5725, 0.3297, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 42.5725, 0.3297, 0.3370.



This preview shows how white text looks on a background with the Yxy color 42.5725, 0.3297, 0.3370.

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

42.5725, 0.3297, 0.3370

Protanopia

42.6458, 0.3230, 0.3385

Deuteranopia

42.6353, 0.3377, 0.3317



Tritanopia

42.3596, 0.3172, 0.3108

Trichromacy



Original Color

42.5725, 0.3297, 0.3370

Protanomaly

42.5009, 0.3250, 0.3371

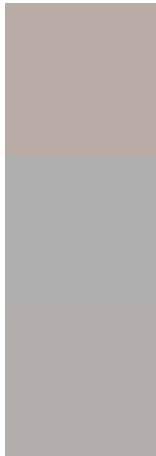
Deuteranomaly

42.6158, 0.3347, 0.3330

Tritanomaly

42.3629, 0.3213, 0.3198

Monochromacy



Original Color

42.5725, 0.3297, 0.3370

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8344, 0.3188, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5725, 0.3297, 0.3370 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(185, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 166)  
}
```

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(185, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.5725, 0.3297, 0.3370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

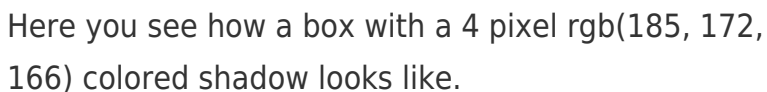
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 172, 166) }
```

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

```
.border{ border-color:rgb(185, 172, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 172, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 172, 166); box-shadow:4px 4px 4px 4px rgb(185, 172, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5725, 0.3297, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 166) }
```

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

```
.background{ background-color: rgb(185,  
172, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor