

Converting Colors

$Y_{xy}(42.1875, 0.3360, 0.3466)$

Have a look what the booklet for
Yxy(42.1875, 0.3360, 0.3466)
contains.

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Color

Yxy(42.3225, 0.3358, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	B9AC9F
RGB	185, 172, 159
RGB Percent	73%, 67%, 62%
CMY	0.2746, 0.3255, 0.3765
CMYK	0.00, 0.07, 0.14, 0.27
HSL	30°, 16%, 67%
HSV	30°, 14%, 73%
XYZ	41.0156, 42.3225, 38.8048
YIQ	174.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

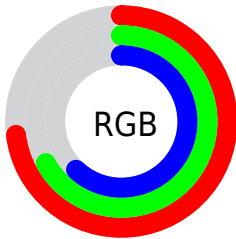
Format	Color
RYB	185, 185, 159
Decimal	12168351
CIELab	71.09, 2.44, 8.36
CIELCh	71, 8.710, 73.735
Yxy	42.3225, 0.3358, 0.3465
Android (android.graphics.Color)	4290358431 (0xFFB9AC9F)
YUV	174.4050, -7.5947, 9.2918
Hunter-Lab	65.0557, -1.3090, 10.1734

Details

The Yxy color $42.3225, 0.3358, 0.3465$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.3680, 0.2911, 0.3109$, and the grayscale version is $42.5819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4940, 0.3312, 0.3426$, and $19.4212, 0.3425, 0.3512$ is the 20% darker color. If you saturate the color by 10%, you get $38.3344, 0.3550, 0.3597$, and if you desaturate by 10%, it is $46.6549, 0.3189, 0.3339$.

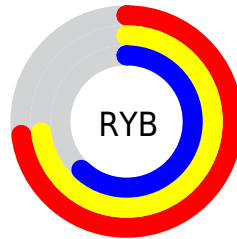
Distribution



Red (73%)

Green (67%)

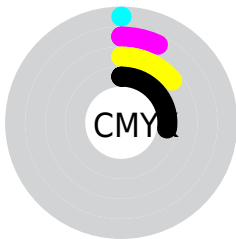
Blue (62%)



Red (73%)

Yellow (73%)

Blue (62%)

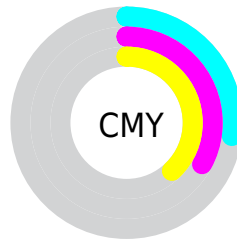


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3225, 0.3358, 0.3465 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 42.3225, 0.3358, 0.3465 by changing the saturation by 10% instead.


 42.3225, 0.3358,
0.3465

 42.3225, 0.3358,
0.3465


355.8181, 0.3240,
0.3377

 29.3539, 0.3388,
0.3487


 78.6875, 0.3315,
0.3433

 19.3487, 0.3427,
0.3516


 102.8527, 0.3299,
0.3421

 11.9225, 0.3480,
0.3555


131.5188, 0.3285,
0.3411

 6.6909, 0.3555,
0.3609

165.0703, 0.3274,
0.3402

 3.2696, 0.3671,
0.3690

203.8916, 0.3264,
0.3394

 1.2740, 0.3887,
0.3843

248.3671, 0.3255,

 0.1210, 0.5906,

0.3388

0.4094

298.8811, 0.3247,
0.3382

0.0000, 0.0000,
0.0000

42.3225, 0.3358,
0.3465

42.3225, 0.3358,
0.3465

38.3344, 0.3550,
0.3597

46.6549, 0.3189,
0.3339

34.6758, 0.3766,
0.3731

51.3348, 0.3042,
0.3221

31.3389, 0.4005,
0.3863

56.3724, 0.2913,
0.3111

28.3135, 0.4264,
0.3983

61.7758, 0.2801,
0.3010

25.5886, 0.4536,
0.4081

67.5529, 0.2704,
0.2917

■ 23.1525, 0.4807,
0.4145

■ 72.7080, 0.2695,
0.2986

■ 20.9923, 0.5063,
0.4163

■ 77.9102, 0.2706,
0.3089

■ 19.0933, 0.5285,
0.4128

■ 83.3879, 0.2716,
0.3191

■ 18.0746, 0.5405,
0.4090

■ 89.0530, 0.2726,
0.3289

Harmonies

Analogous

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



42.3225, 0.3373, 0.3376



42.3225, 0.3358, 0.3465



42.3225, 0.3280, 0.3509

Triad

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



42.3225, 0.3358, 0.3465



42.3225, 0.2937, 0.3309



42.3225, 0.3088, 0.3097

Complementary

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



42.3225, 0.3358, 0.3465



40.3680, 0.2911, 0.3109

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.



42.3225, 0.2973, 0.3077



42.3225, 0.3358, 0.3465



42.3225, 0.2888, 0.3196

Square

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



42.3225, 0.3358, 0.3465



42.3225, 0.3037, 0.3419



42.3225, 0.2901, 0.3112



42.3225, 0.3215, 0.3166

Rectangle

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



42.3225, 0.3358, 0.3465



42.3225, 0.3204, 0.3505



42.3225, 0.2901, 0.3112



42.3225, 0.3047, 0.3085

Sweetspot

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



42.3244, 0.3358, 0.3465



83.5587, 0.3190, 0.3339



38.0854, 0.3261, 0.3116



17.8835, 0.3201, 0.3348



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.



42.3244, 0.3358, 0.3465



73.4412, 0.3417, 0.3507



47.5095, 0.3334, 0.3633



9.7351, 0.3276, 0.3405



12.4545, 0.5386, 0.4105



0.5628, 0.5000, 0.4412

Inverse Universe

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



40.3680, 0.2911, 0.3109



69.2278, 0.2860, 0.3063



35.6668, 0.2905, 0.2923



9.4404, 0.2985, 0.3173



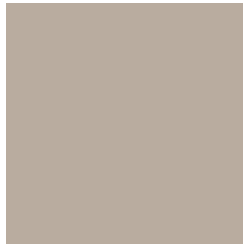
7.7874, 0.1777, 0.1597



0.3983, 0.1908, 0.2069

Previews

White Background



This preview shows how the Yxy color 42.3225, 0.3358, 0.3465 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 42.3225, 0.3358, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

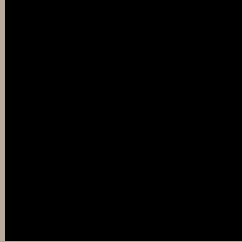
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

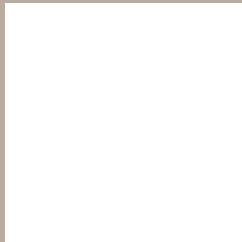
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3225, 0.3358, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 42.3225, 0.3358, 0.3465.

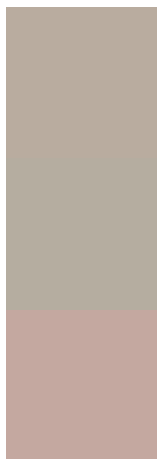


This preview shows how white text looks on a background with the Yxy color 42.3225, 0.3358, 0.3465.

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

42.3225, 0.3358, 0.3465

Protanopia

42.2490, 0.3310, 0.3466

Deuteranopia

42.2791, 0.3462, 0.3395



Tritanopia

42.4447, 0.3190, 0.3121

Trichromacy



Original Color

42.3225, 0.3358, 0.3465

Protanomaly

42.3703, 0.3320, 0.3466

Deuteranomaly

42.1205, 0.3421, 0.3409

Tritanomaly

42.3702, 0.3248, 0.3238

Monochromacy



Original Color

42.3225, 0.3358, 0.3465

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2167, 0.3206, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3225, 0.3358, 0.3465 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 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(185, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 159) }
```

Border

The CSS property to change the border of an element to Yxy 42.3225, 0.3358, 0.3465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

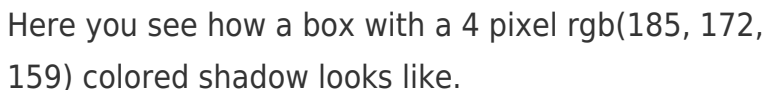
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 172, 159) }
```

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

```
.border{ border-color:rgb(185, 172, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 172, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 172, 159); box-shadow:4px 4px 4px 4px rgb(185, 172, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3225, 0.3358, 0.3465 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, 159) }
```

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

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