

Converting Colors

Yxy(42.9319, 0.3445, 0.3461)

Have a look what the booklet for
Yxy(42.9319, 0.3445, 0.3461)
contains.

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Color

Yxy(42.9319, 0.3445, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	C1AB9E
RGB	193, 171, 158
RGB Percent	76%, 67%, 62%
CMY	0.2430, 0.3294, 0.3804
CMYK	0.00, 0.11, 0.18, 0.24
HSL	22°, 22%, 69%
HSV	22°, 18%, 76%
XYZ	42.7334, 42.9319, 38.3795
YIQ	176.0960, 17.2850, 0.6210

Conversions

Conversions Part 2

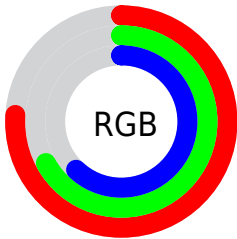
Format	Color
RYB	193, 179, 158
Decimal	12692382
CIELab	71.51, 5.85, 9.60
CIElCh	72, 11.240, 58.642
Yxy	42.9319, 0.3445, 0.3461
Android (android.graphics.Color)	4290882462 (0xFFC1AB9E)
YUV	176.0960, -8.9213, 14.8248
Hunter-Lab	65.5224, 1.7526, 11.1369

Details

The Yxy color $42.9319, 0.3445, 0.3461$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.7796, 0.2848, 0.3113$, and the grayscale version is $43.5121, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5208, 0.3385, 0.3423$, and $19.7442, 0.3533, 0.3506$ is the 20% darker color. If you saturate the color by 10%, you get $37.9416, 0.3662, 0.3562$, and if you desaturate by 10%, it is $48.4520, 0.3259, 0.3364$.

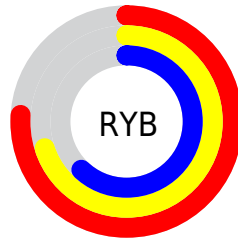
Distribution



Red (76%)

Green (67%)

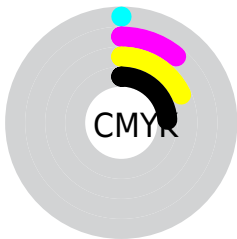
Blue (62%)



Red (76%)

Yellow (70%)

Blue (62%)

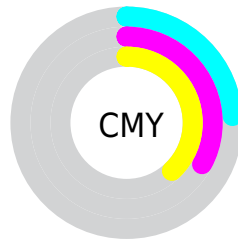


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9319, 0.3445, 0.3461 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 42.9319, 0.3445, 0.3461 by changing the saturation by 10% instead.


 42.9319, 0.3445,
0.3461


 42.9319, 0.3445,
0.3461


358.3316, 0.3283,
0.3376

 29.8317, 0.3486,
0.3482


 79.6081, 0.3385,
0.3430

 19.7109, 0.3540,
0.3509


 103.9528, 0.3363,
0.3419

 12.1850, 0.3613,
0.3544


132.8146, 0.3345,
0.3409

 6.8698, 0.3716,
0.3593

166.5777, 0.3329,
0.3400

 3.3808, 0.3874,
0.3663

205.6265, 0.3315,
0.3393

 1.3336, 0.4167,
0.3795

250.3456, 0.3303,

 0.1670, 0.6435,

0.3387

0.3565

301.1191, 0.3292,
0.3381

0.0000, 0.0000,
0.0000

42.9319, 0.3445,
0.3461

42.9319, 0.3445,
0.3461

37.9416, 0.3662,
0.3562

48.4520, 0.3259,
0.3364

33.4592, 0.3913,
0.3663

54.5116, 0.3100,
0.3274

29.4695, 0.4197,
0.3758

61.1272, 0.2964,
0.3190

25.9546, 0.4511,
0.3840

68.3132, 0.2848,
0.3113

22.8951, 0.4844,
0.3896

76.0830, 0.2749,
0.3042

■ 20.2701, 0.5176,
0.3915

■ 83.1779, 0.2758,
0.3170

■ 18.0567, 0.5482,
0.3884

■ 90.0824, 0.2768,
0.3289

■ 16.2264, 0.5737,
0.3806

■ 15.9251, 0.5782,
0.3791

Harmonies

Analogous

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



42.9319, 0.3420, 0.3330



42.9319, 0.3445, 0.3461



42.9319, 0.3383, 0.3552

Triad

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



42.9319, 0.3445, 0.3461



42.9319, 0.2941, 0.3389



42.9319, 0.2998, 0.3023

Complementary

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



42.9319, 0.3445, 0.3461



43.7796, 0.2848, 0.3113

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.



42.9319, 0.2875, 0.3031



42.9319, 0.3445, 0.3461



42.9319, 0.2843, 0.3239

Square

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



42.9319, 0.3445, 0.3461



42.9319, 0.3090, 0.3513



42.9319, 0.2819, 0.3108



42.9319, 0.3158, 0.3081

Rectangle

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



42.9319, 0.3445, 0.3461



42.9319, 0.3301, 0.3574



42.9319, 0.2819, 0.3108



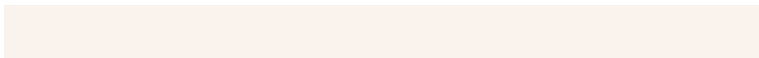
42.9319, 0.2951, 0.3018

Sweetspot

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



42.9338, 0.3445, 0.3461



89.9713, 0.3207, 0.3336



39.0976, 0.3264, 0.3004



19.1404, 0.3219, 0.3342



97.7402, 0.3127, 0.3290



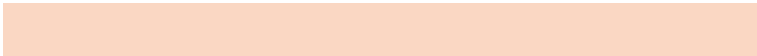
20.4902, 0.3127, 0.3290

Same Dimension

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



42.9338, 0.3445, 0.3461



73.0025, 0.3532, 0.3503



49.9337, 0.3407, 0.3679



10.6761, 0.3280, 0.3376



10.7290, 0.5759, 0.3809



0.5960, 0.5336, 0.4145

Inverse Universe

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



43.7796, 0.2848, 0.3113



74.8083, 0.2783, 0.3067



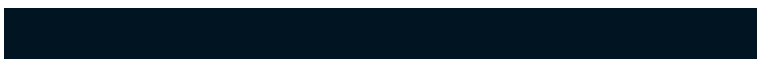
37.1971, 0.2835, 0.2868



10.7801, 0.2984, 0.3203



11.8811, 0.1900, 0.2041



0.6417, 0.1987, 0.2351

Previews

White Background



This preview shows how the Yxy color 42.9319, 0.3445, 0.3461 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 42.9319, 0.3445, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

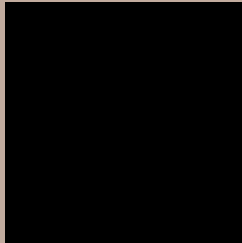
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9319, 0.3445, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 42.9319, 0.3445, 0.3461.



This preview shows how white text looks on a background with the Yxy color 42.9319, 0.3445, 0.3461.

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

42.9319, 0.3445, 0.3461

Protanopia

43.1431, 0.3316, 0.3492

Deuteranopia

42.8503, 0.3497, 0.3433



Tritanopia

43.0772, 0.3273, 0.3125

Trichromacy



Original Color

42.9319, 0.3445, 0.3461

Protanomaly

43.2144, 0.3364, 0.3491

Deuteranomaly

42.9538, 0.3475, 0.3447

Tritanomaly

42.9952, 0.3333, 0.3239

Monochromacy



Original Color

42.9319, 0.3445, 0.3461

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0818, 0.3241, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9319, 0.3445, 0.3461 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(193, 171, 158)` looks like.

```
.text, #text, p{  
    color:rgb(193, 171, 158)  
}
```

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(193, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 171, 158) }
```

Border

The CSS property to change the border of an element to Yxy 42.9319, 0.3445, 0.3461 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(193, 171, 158) }
```

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

```
.border{ border-color:rgb(193, 171, 158) }
```

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

Here you see how a box with a 4 pixel rgb(193, 171, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(193, 171,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9319, 0.3445, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 171, 158) }
```

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

```
.background{ background-color: rgb(193,  
171, 158) }
```

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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