

Converting Colors

$Yxy(42.9369, 0.3476, 0.3367)$

Have a look what the booklet for
Yxy(42.9369, 0.3476, 0.3367)
contains.

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Color

Yxy(42.8933, 0.3482, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	C8A8A2
RGB	200, 168, 162
RGB Percent	78%, 66%, 64%
CMY	0.2156, 0.3412, 0.3648
CMYK	0.00, 0.16, 0.19, 0.22
HSL	9°, 26%, 71%
HSV	9°, 19%, 78%
XYZ	44.3452, 42.8933, 40.1170
YIQ	176.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

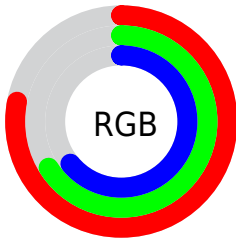
Format	Color
R_{YB}	200, 169, 162
Decimal	13150370
CIE _{Lab}	71.48, 10.72, 7.45
CIE _{LCh}	71, 13.055, 34.811
Yxy	42.8933, 0.3482, 0.3368
Android (android.graphics.Color)	4291340450 (0xFFC8A8A2)
YUV	176.8840, -7.3378, 20.2727
Hunter-Lab	65.4930, 6.2493, 9.5277

Details

The Yxy color **42.8933, 0.3482, 0.3368** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4331, 0.2840, 0.3211**, and the grayscale version is **43.9345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0451, 0.3398, 0.3351**, and **19.7276, 0.3600, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **36.4200, 0.3729, 0.3412**, and if you desaturate by 10%, it is **50.2886, 0.3279, 0.3326**.

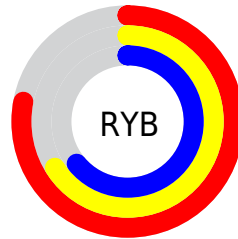
Distribution



Red (78%)

Green (66%)

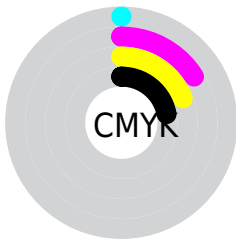
Blue (64%)



Red (78%)

Yellow (66%)

Blue (64%)

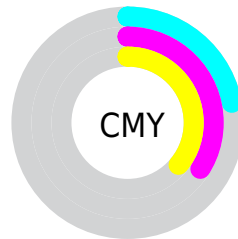


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8933, 0.3482, 0.3368 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 42.8933, 0.3482, 0.3368 by changing the saturation by 10% instead.

 42.8933, 0.3482,
0.3368


 42.8933, 0.3482,
0.3368

358.1728, 0.3301,
0.3331

 29.8014, 0.3528,
0.3377


 79.5498, 0.3415,
0.3355

 19.6879, 0.3589,
0.3387


 103.8832, 0.3391,
0.3350

 12.1684, 0.3670,
0.3401


132.7326, 0.3370,
0.3346

 6.8585, 0.3787,
0.3418

166.4824, 0.3352,
0.3342

 3.3737, 0.3965,
0.3441

205.5168, 0.3337,
0.3339

 1.3298, 0.4277,
0.3470

250.2205, 0.3323,

 0.1641, 0.7179,

0.3336

0.2821

300.9777, 0.3311,
0.3333

0.0000, 0.0000,
0.0000

42.8933, 0.3482,
0.3368

42.8933, 0.3482,
0.3368

36.4200, 0.3729,
0.3412

50.2886, 0.3279,
0.3326

30.8269, 0.4025,
0.3456

58.6340, 0.3112,
0.3286

26.0774, 0.4375,
0.3496

67.9638, 0.2975,
0.3250

22.1304, 0.4774,
0.3526

78.3086, 0.2862,
0.3217

18.9410, 0.5202,
0.3538

89.2394, 0.2803,
0.3260

■ 16.4601, 0.5622,
0.3526

■ 91.0213, 0.2805,
0.3289

■ 14.6325, 0.5979,
0.3483

■ 13.3903, 0.6232,
0.3422

■ 13.2952, 0.6253,
0.3417

Harmonies

Analogous

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



42.8933, 0.3375, 0.3208



42.8933, 0.3482, 0.3368



42.8933, 0.3490, 0.3514

Triad

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



42.8933, 0.3482, 0.3368



42.8933, 0.3045, 0.3525



42.8933, 0.2858, 0.2981

Complementary

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



42.8933, 0.3482, 0.3368



50.4331, 0.2840, 0.3211

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.



42.8933, 0.2776, 0.3054



42.8933, 0.3482, 0.3368



42.8933, 0.2882, 0.3369

Square

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



42.8933, 0.3482, 0.3368



42.8933, 0.3234, 0.3613



42.8933, 0.2785, 0.3195



42.8933, 0.3013, 0.2989

Rectangle

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



42.8933, 0.3482, 0.3368



42.8933, 0.3438, 0.3584



42.8933, 0.2785, 0.3195



42.8933, 0.2822, 0.2997

Sweetspot

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



42.8952, 0.3482, 0.3368



91.1095, 0.3227, 0.3314



42.0257, 0.3199, 0.2890



19.3020, 0.3238, 0.3317



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



42.8952, 0.3482, 0.3368



69.2256, 0.3583, 0.3387



50.3045, 0.3439, 0.3601



10.9034, 0.3286, 0.3327



8.5385, 0.6234, 0.3432



0.4923, 0.5876, 0.3716

Inverse Universe

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



50.4331, 0.2840, 0.3211



84.7448, 0.2778, 0.3191



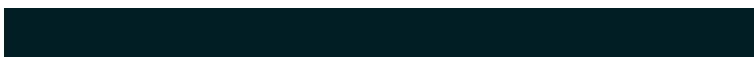
42.6256, 0.2826, 0.2959



11.7707, 0.2984, 0.3253



20.6513, 0.2107, 0.2784



1.0567, 0.2139, 0.2900

Previews

White Background



This preview shows how the Yxy color 42.8933, 0.3482, 0.3368 looks on a white background.

Color Contrast Check

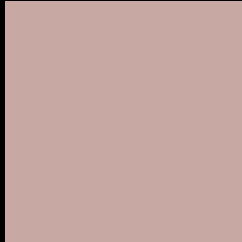
Large Text (above 18pt) WCAG AA × Fail

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 42.8933, 0.3482, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

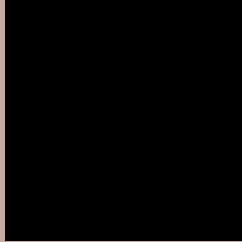
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8933, 0.3482, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 42.8933, 0.3482, 0.3368.



This preview shows how white text looks on a background with the Yxy color 42.8933, 0.3482, 0.3368.

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

42.8933, 0.3482, 0.3368

Protanopia

43.2369, 0.3256, 0.3411

Deuteranopia

42.8549, 0.3451, 0.3381



Tritanopia

43.0433, 0.3358, 0.3140

Trichromacy



Original Color

42.8933, 0.3482, 0.3368

Protanomaly

42.9130, 0.3333, 0.3383

Deuteranomaly

42.9903, 0.3460, 0.3381

Tritanomaly

43.0335, 0.3401, 0.3228

Monochromacy



Original Color

42.8933, 0.3482, 0.3368

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5649, 0.3243, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8933, 0.3482, 0.3368 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(200, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 162)  
}
```

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(200, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 162) }
```

Border

The CSS property to change the border of an element to Yxy 42.8933, 0.3482, 0.3368 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(200, 168, 162) }
```

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

```
.border{ border-color:rgb(200, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8933, 0.3482, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 162) }
```

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

```
.background{ background-color: rgb(200,  
168, 162) }
```

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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