

Converting Colors

$Y_{xy}(42.2348, 0.3368, 0.3294)$

Have a look what the booklet for
Yxy(42.2348, 0.3368, 0.3294)
contains.

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Color

Yxy(42.3018, 0.3370, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	C2A8A8
RGB	194, 168, 168
RGB Percent	76%, 66%, 66%
CMY	0.2392, 0.3411, 0.3412
CMYK	0.00, 0.13, 0.13, 0.24
HSL	0°, 18%, 71%
HSV	0°, 13%, 76%
XYZ	43.3172, 42.3018, 42.9188
YIQ	175.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

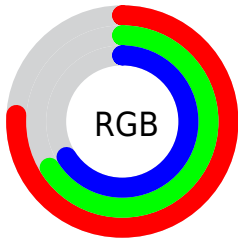
Format	Color
RYB	194, 168, 168
Decimal	12757160
CIELab	71.08, 9.44, 3.49
CIELCh	71, 10.066, 20.306
Yxy	42.3018, 0.3370, 0.3291
Android (android.graphics.Color)	4290947240 (0xFFC2A8A8)
YUV	175.7740, -3.8326, 15.9842
Hunter-Lab	65.0398, 5.0633, 6.4033

Details

The Yxy color **42.3018, 0.3370, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7911, 0.2925, 0.3289**, and the grayscale version is **43.3070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6123, 0.3327, 0.3291**, and **19.3272, 0.3442, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **35.0023, 0.3605, 0.3292**, and if you desaturate by 10%, it is **50.7796, 0.3182, 0.3290**.

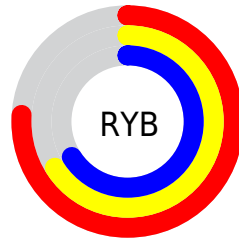
Distribution



Red (76%)

Green (66%)

Blue (66%)



Red (76%)

Yellow (66%)

Blue (66%)

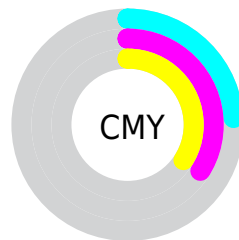


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3018, 0.3370, 0.3291 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 42.3018, 0.3370, 0.3291 by changing the saturation by 10% instead.

 42.3018, 0.3370,
0.3291


 42.3018, 0.3370,
0.3291


355.7325, 0.3246,
0.3292

 29.3377, 0.3402,
0.3291


 78.6562, 0.3324,
0.3291

 19.3364, 0.3443,
0.3290


 102.8152, 0.3307,
0.3292

 11.9136, 0.3499,
0.3288


131.4747, 0.3293,
0.3292

 6.6849, 0.3579,
0.3286

165.0190, 0.3281,
0.3292

 3.2658, 0.3703,
0.3280

203.8326, 0.3270,
0.3292

 1.2720, 0.3919,
0.3265

248.2997, 0.3261,

 0.1194, 0.7423,

0.3292

0.2577

298.8049, 0.3253,
0.3292

0.0000, 0.0000,
0.0000

42.3018, 0.3370,
0.3291

42.3018, 0.3370,
0.3291

35.0023, 0.3605,
0.3292

50.7796, 0.3182,
0.3290

28.8237, 0.3897,
0.3293

60.4786, 0.3032,
0.3290

23.7122, 0.4253,
0.3294

71.4465, 0.2911,
0.3289

19.6074, 0.4674,
0.3296

83.7268, 0.2814,
0.3289

16.4428, 0.5142,
0.3297

90.2094, 0.2773,
0.3289

■ 14.1441, 0.5614,
0.3299

■ 12.6257, 0.6020,
0.3300

■ 11.7845, 0.6290,
0.3300

■ 11.4733, 0.6400,
0.3300

Harmonies

Analogous

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



42.3018, 0.3259, 0.3171



42.3018, 0.3370, 0.3291



42.3018, 0.3415, 0.3414

Triad

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



42.3018, 0.3370, 0.3291



42.3018, 0.3135, 0.3512



42.3018, 0.2879, 0.3070

Complementary

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



42.3018, 0.3370, 0.3291



50.7911, 0.2925, 0.3289

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.



42.3018, 0.2848, 0.3156



42.3018, 0.3370, 0.3291



42.3018, 0.2994, 0.3414

Square

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



42.3018, 0.3370, 0.3291



42.3018, 0.3277, 0.3546



42.3018, 0.2890, 0.3282



42.3018, 0.2975, 0.3044

Rectangle

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



42.3018, 0.3370, 0.3291



42.3018, 0.3400, 0.3482



42.3018, 0.2890, 0.3282



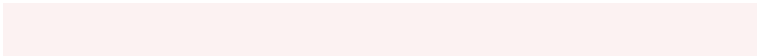
42.3018, 0.2861, 0.3093

Sweetspot

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



42.3037, 0.3370, 0.3291



90.9311, 0.3193, 0.3290



43.3634, 0.3142, 0.2963



19.6406, 0.3206, 0.3290



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.



42.3037, 0.3370, 0.3291



72.6706, 0.3432, 0.3291



47.3402, 0.3347, 0.3457



10.0794, 0.3289, 0.3291



7.5440, 0.6400, 0.3300



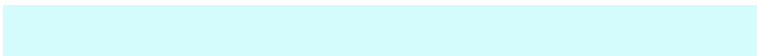
0.3265, 0.6397, 0.3303

Inverse Universe

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



50.7911, 0.2925, 0.3289



90.9428, 0.2884, 0.3289



45.2623, 0.2920, 0.3117



11.4268, 0.2985, 0.3289



27.8768, 0.2246, 0.3285



1.2050, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 42.3018, 0.3370, 0.3291 looks on a white background.

Color Contrast Check

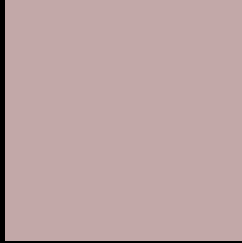
Large Text (above 18pt) WCAG AA × Fail

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 42.3018, 0.3370, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

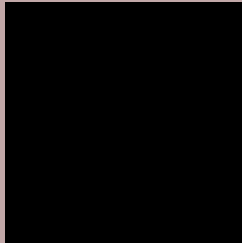
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3018, 0.3370, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 42.3018, 0.3370, 0.3291.



This preview shows how white text looks on a background with the Yxy color 42.3018, 0.3370, 0.3291.

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

42.3018, 0.3370, 0.3291

Protanopia

42.2924, 0.3189, 0.3317

Deuteranopia

42.1699, 0.3360, 0.3291



Tritanopia

42.1292, 0.3283, 0.3124

Trichromacy



Original Color

42.3018, 0.3370, 0.3291

Protanomaly

42.2184, 0.3254, 0.3304

Deuteranomaly

42.1699, 0.3360, 0.3291

Tritanomaly

42.3347, 0.3318, 0.3188

Monochromacy



Original Color

42.3018, 0.3370, 0.3291

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9716, 0.3217, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3018, 0.3370, 0.3291 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(194, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 168)  
}
```

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(194, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 168) }
```

Border

The CSS property to change the border of an element to Yxy 42.3018, 0.3370, 0.3291 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(194, 168, 168) }
```

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

```
.border{ border-color:rgb(194, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3018, 0.3370, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 168) }
```

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

```
.background{ background-color: rgb(194,  
168, 168) }
```

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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