

Converting Colors

$Yxy(42.1327, 0.3401, 0.3384)$

Have a look what the booklet for
Yxy(42.1327, 0.3401, 0.3384)
contains.

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Color

Yxy(42.1910, 0.3403, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	C0A9A2
RGB	192, 169, 162
RGB Percent	75%, 66%, 64%
CMY	0.2472, 0.3372, 0.3648
CMYK	0.00, 0.12, 0.16, 0.25
HSL	14°, 19%, 69%
HSV	14°, 16%, 75%
XYZ	42.4404, 42.1910, 40.0833
YIQ	175.0790, 15.9550, 2.6990

Conversions

Conversions Part 2

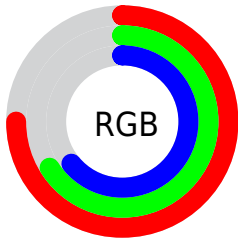
Format	Color
RYB	192, 171, 162
Decimal	12626338
CIELab	71.00, 7.15, 6.67
CIElCh	71, 9.778, 42.973
Yxy	42.1910, 0.3403, 0.3383
Android (android.graphics.Color)	4290816418 (0xFFC0A9A2)
YUV	175.0790, -6.4479, 14.8397
Hunter-Lab	64.9546, 2.9589, 8.8805

Details

The Yxy color **42.1910, 0.3403, 0.3383** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1561, 0.2890, 0.3195**, and the grayscale version is **42.9394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4608, 0.3353, 0.3362**, and **19.2516, 0.3489, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **36.3968, 0.3625, 0.3447**, and if you desaturate by 10%, it is **48.7078, 0.3217, 0.3322**.

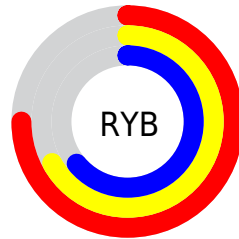
Distribution



Red (75%)

Green (66%)

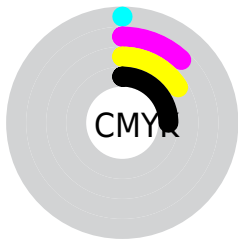
Blue (64%)



Red (75%)

Yellow (67%)

Blue (64%)

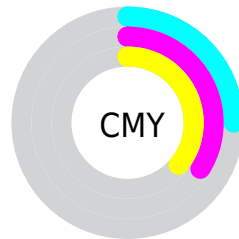


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1910, 0.3403, 0.3383 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 42.1910, 0.3403, 0.3383 by changing the saturation by 10% instead.


 42.1910, 0.3403,
0.3383

 42.1910, 0.3403,
0.3383


355.2741, 0.3262,
0.3337

 29.2509, 0.3439,
0.3394


 78.4886, 0.3351,
0.3367

 19.2707, 0.3486,
0.3408


 102.6149, 0.3332,
0.3360

 11.8660, 0.3550,
0.3427


131.2387, 0.3315,
0.3355

 6.6525, 0.3642,
0.3453

164.7444, 0.3302,
0.3350

 3.2458, 0.3783,
0.3489

203.5164, 0.3290,
0.3346

 1.2613, 0.4033,
0.3548

247.9391, 0.3279,

 0.1110, 0.7163,

0.3343

0.2837

298.3968, 0.3270,
0.3340

0.0000, 0.0000,
0.0000

42.1910, 0.3403,
0.3383

42.1910, 0.3403,
0.3383

36.3968, 0.3625,
0.3447

48.7078, 0.3217,
0.3322

31.2945, 0.3890,
0.3512

55.9653, 0.3063,
0.3266

26.8596, 0.4201,
0.3574

63.9879, 0.2934,
0.3214

23.0641, 0.4556,
0.3626

72.7972, 0.2826,
0.3167

19.8777, 0.4945,
0.3660

82.2212, 0.2751,
0.3155

■ 17.2677, 0.5342,
0.3665

■ 89.9421, 0.2762,
0.3289

■ 15.1981, 0.5710,
0.3633

■ 13.6281, 0.6005,
0.3561

■ 13.0798, 0.6114,
0.3528

Harmonies

Analogous

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



42.1910, 0.3342, 0.3261



42.1910, 0.3403, 0.3383



42.1910, 0.3388, 0.3484

Triad

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



42.1910, 0.3403, 0.3383



42.1910, 0.3029, 0.3438



42.1910, 0.2952, 0.3052

Complementary

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



42.1910, 0.3403, 0.3383



46.1561, 0.2890, 0.3195

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.



42.1910, 0.2872, 0.3092



42.1910, 0.3403, 0.3383



42.1910, 0.2916, 0.3314

Square

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



42.1910, 0.3403, 0.3383



42.1910, 0.3170, 0.3520



42.1910, 0.2859, 0.3187



42.1910, 0.3079, 0.3073

Rectangle

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



42.1910, 0.3403, 0.3383



42.1910, 0.3337, 0.3526



42.1910, 0.2859, 0.3187



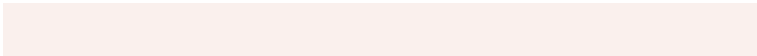
42.1910, 0.2918, 0.3058

Sweetspot

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



42.1929, 0.3403, 0.3383



88.9612, 0.3208, 0.3319



40.5403, 0.3206, 0.2995



18.8952, 0.3220, 0.3323



97.7402, 0.3127, 0.3290



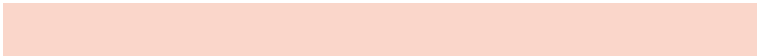
20.4902, 0.3127, 0.3290

Same Dimension

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



42.1929, 0.3403, 0.3383



72.4566, 0.3480, 0.3406



48.0798, 0.3374, 0.3574



10.4527, 0.3283, 0.3345



8.9059, 0.6093, 0.3544



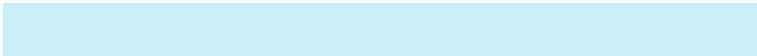
0.4946, 0.5647, 0.3898

Inverse Universe

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



46.1561, 0.2890, 0.3195



81.1073, 0.2834, 0.3171



40.2274, 0.2882, 0.2989



11.0151, 0.2984, 0.3235



16.7219, 0.2034, 0.2523



0.8221, 0.2087, 0.2714

Previews

White Background



This preview shows how the Yxy color 42.1910, 0.3403, 0.3383 looks on a white background.

Color Contrast Check

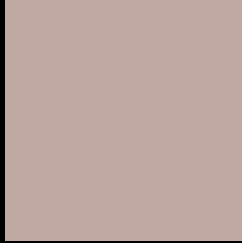
Large Text (above 18pt) WCAG AA × Fail

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 42.1910, 0.3403, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

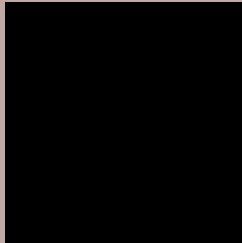
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1910, 0.3403, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 42.1910, 0.3403, 0.3383.



This preview shows how white text looks on a background with the Yxy color 42.1910, 0.3403, 0.3383.

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

42.1910, 0.3403, 0.3383

Protanopia

42.1512, 0.3257, 0.3412

Deuteranopia

42.2160, 0.3434, 0.3369



Tritanopia

41.9964, 0.3274, 0.3124

Trichromacy



Original Color

42.1910, 0.3403, 0.3383

Protanomaly

42.3397, 0.3314, 0.3411

Deuteranomaly

42.0832, 0.3424, 0.3369

Tritanomaly

41.9920, 0.3317, 0.3213

Monochromacy



Original Color

42.1910, 0.3403, 0.3383

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6132, 0.3224, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1910, 0.3403, 0.3383 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(192, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(192, 169, 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(192, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 169, 162) }
```

Border

The CSS property to change the border of an element to Yxy 42.1910, 0.3403, 0.3383 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(192, 169, 162) }
```

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

```
.border{ border-color:rgb(192, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(192, 169,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1910, 0.3403, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 169, 162) }
```

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

```
.background{ background-color: rgb(192,  
169, 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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