

Converting Colors

$Yxy(43.1350, 0.3428, 0.3401)$

Have a look what the booklet for
Yxy(43.1350, 0.3428, 0.3401)
contains.

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Color

Yxy(42.9602, 0.3430, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	C3AAA2
RGB	195, 170, 162
RGB Percent	76%, 67%, 64%
CMY	0.2352, 0.3333, 0.3648
CMYK	0.00, 0.13, 0.17, 0.24
HSL	15°, 22%, 70%
HSV	15°, 17%, 76%
XYZ	43.4031, 42.9602, 40.1763
YIQ	176.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

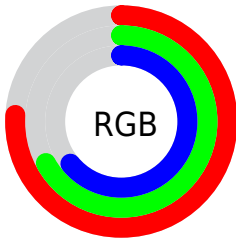
Format	Color
RYB	195, 173, 162
Decimal	12823202
CIELab	71.53, 7.76, 7.46
CIELCh	72, 10.762, 43.884
Yxy	42.9602, 0.3430, 0.3395
Android (android.graphics.Color)	4291013282 (0xFFC3AAA2)
YUV	176.5630, -7.1796, 16.1692
Hunter-Lab	65.5440, 3.5002, 9.5380

Details

The Yxy color **42.9602, 0.3430, 0.3395** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1569, 0.2869, 0.3183**, and the grayscale version is **43.7579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5556, 0.3373, 0.3372**, and **19.7454, 0.3525, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **37.0930, 0.3657, 0.3462**, and if you desaturate by 10%, it is **49.5606, 0.3240, 0.3332**.

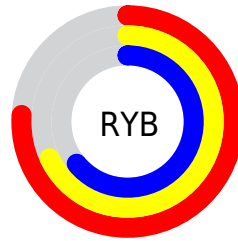
Distribution



Red (76%)

Green (67%)

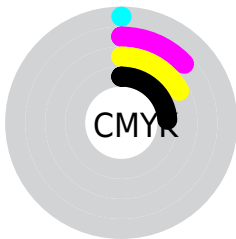
Blue (64%)



Red (76%)

Yellow (68%)

Blue (64%)

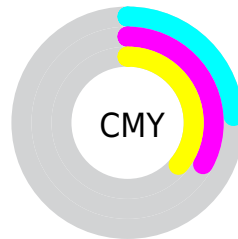


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9602, 0.3430, 0.3395 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 42.9602, 0.3430, 0.3395 by changing the saturation by 10% instead.


 42.9602, 0.3430,
0.3395


 42.9602, 0.3430,
0.3395


358.4481, 0.3276,
0.3344

 29.8539, 0.3470,
0.3407


 79.6508, 0.3373,
0.3377

 19.7277, 0.3521,
0.3423


 104.0039, 0.3352,
0.3370

 12.1973, 0.3590,
0.3444


132.8747, 0.3334,
0.3364

 6.8782, 0.3689,
0.3472

166.6476, 0.3319,
0.3358

 3.3860, 0.3841,
0.3511

205.7069, 0.3306,
0.3354

 1.3364, 0.4106,
0.3573

250.4372, 0.3295,

 0.1692, 0.6743,

0.3350

0.3257

301.2228, 0.3285,
0.3347

0.0000, 0.0000,
0.0000

42.9602, 0.3430,
0.3395

42.9602, 0.3430,
0.3395

37.0930, 0.3657,
0.3462

49.5606, 0.3240,
0.3332

31.9278, 0.3927,
0.3529

56.9125, 0.3082,
0.3272

27.4396, 0.4242,
0.3592

65.0408, 0.2950,
0.3218

23.5998, 0.4600,
0.3645

73.9677, 0.2839,
0.3168

20.3776, 0.4989,
0.3677

83.4218, 0.2769,
0.3170

■ 17.7394, 0.5382,
0.3678

■ 90.3441, 0.2778,
0.3289

■ 15.6486, 0.5740,
0.3640

■ 14.0625, 0.6022,
0.3564

■ 13.6663, 0.6098,
0.3540

Harmonies

Analogous

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



42.9602, 0.3365, 0.3262



42.9602, 0.3430, 0.3395



42.9602, 0.3411, 0.3505

Triad

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



42.9602, 0.3430, 0.3395



42.9602, 0.3015, 0.3448



42.9602, 0.2939, 0.3029

Complementary

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



42.9602, 0.3430, 0.3395



47.1569, 0.2869, 0.3183

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.



42.9602, 0.2850, 0.3071



42.9602, 0.3430, 0.3395



42.9602, 0.2894, 0.3312

Square

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



42.9602, 0.3430, 0.3395



42.9602, 0.3169, 0.3540



42.9602, 0.2834, 0.3173



42.9602, 0.3079, 0.3055

Rectangle

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



42.9602, 0.3430, 0.3395



42.9602, 0.3354, 0.3549



42.9602, 0.2834, 0.3173



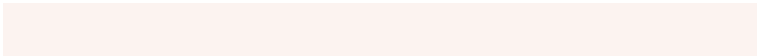
42.9602, 0.2902, 0.3036

Sweetspot

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



42.9621, 0.3430, 0.3395



91.0978, 0.3208, 0.3320



41.0381, 0.3214, 0.2969



19.7504, 0.3220, 0.3325



0.0000, 0.0000, 0.0000



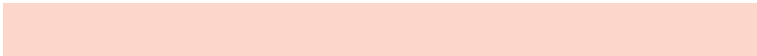
21.4041, 0.3127, 0.3290

Same Dimension

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



42.9621, 0.3430, 0.3395



73.2478, 0.3502, 0.3417



49.4162, 0.3396, 0.3599



10.4663, 0.3283, 0.3347



8.9929, 0.6075, 0.3558



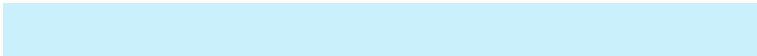
0.5006, 0.5626, 0.3915

Inverse Universe

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



47.1569, 0.2869, 0.3183



82.0384, 0.2819, 0.3159



40.6658, 0.2859, 0.2961



11.0005, 0.2984, 0.3233



16.3900, 0.2026, 0.2494



0.8101, 0.2081, 0.2692

Previews

White Background



This preview shows how the Yxy color 42.9602, 0.3430, 0.3395 looks on a white background.

Color Contrast Check

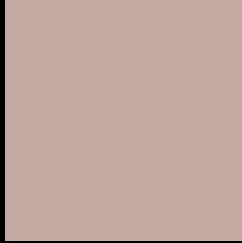
Large Text (above 18pt) WCAG AA × Fail

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 42.9602, 0.3430, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

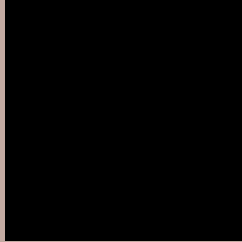
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9602, 0.3430, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 42.9602, 0.3430, 0.3395.



This preview shows how white text looks on a background with the Yxy color 42.9602, 0.3430, 0.3395.

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

42.9602, 0.3430, 0.3395

Protanopia

43.1640, 0.3273, 0.3438

Deuteranopia

42.8549, 0.3451, 0.3381



Tritanopia

42.8030, 0.3292, 0.3125

Trichromacy



Original Color

42.9602, 0.3430, 0.3395

Protanomaly

42.9706, 0.3331, 0.3424

Deuteranomaly

42.7203, 0.3441, 0.3382

Tritanomaly

42.7582, 0.3344, 0.3227

Monochromacy



Original Color

42.9602, 0.3430, 0.3395

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4410, 0.3233, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9602, 0.3430, 0.3395 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(195, 170, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 170, 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(195, 170, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 170, 162) }
```

Border

The CSS property to change the border of an element to Yxy 42.9602, 0.3430, 0.3395 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(195, 170, 162) }
```

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

```
.border{ border-color:rgb(195, 170, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 170, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 170, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 170, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 170,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9602, 0.3430, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 170, 162) }
```

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

```
.background{ background-color: rgb(195,  
170, 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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