

Converting Colors

Yxy(52.3235, 0.3430, 0.3639)

Have a look what the booklet for
Yxy(52.3235, 0.3430, 0.3639)
contains.

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Color

Yxy(52.3235, 0.3430, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	C9BFA3
RGB	201, 191, 163
RGB Percent	79%, 75%, 64%
CMY	0.2120, 0.2509, 0.3608
CMYK	0.00, 0.05, 0.19, 0.21
HSL	44°, 26%, 71%
HSV	44°, 19%, 79%
XYZ	49.3184, 52.3235, 42.1435
YIQ	190.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

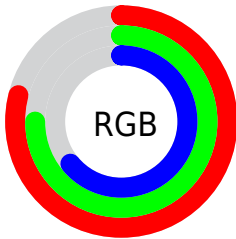
Format	Color
RYB	177, 201, 163
Decimal	13221795
CIELab	77.47, -1.12, 15.41
CIELCh	77, 15.449, 94.157
Yxy	52.3235, 0.3430, 0.3639
Android (android.graphics.Color)	4291411875 (0xFFC9BFA3)
YUV	190.7980, -13.7044, 8.9472
Hunter-Lab	72.3350, -4.8840, 16.0912

Details

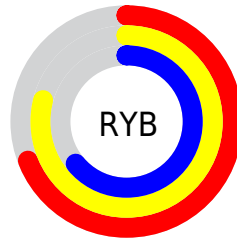
The Yxy color **52.3235, 0.3430, 0.3639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8554, 0.2825, 0.2915**, and the grayscale version is **52.0490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8435, 0.3357, 0.3576**, and **25.5277, 0.3517, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **49.4098, 0.3608, 0.3831**, and if you desaturate by 10%, it is **55.4386, 0.3264, 0.3451**.

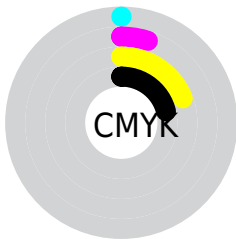
Distribution



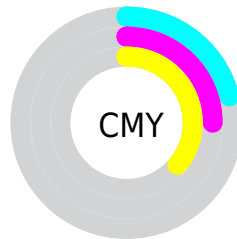
- Red (79%)
- Green (75%)
- Blue (64%)



- Red (69%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (21%)





- Cyan (21%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3235, 0.3430, 0.3639 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 52.3235, 0.3430, 0.3639 by changing the saturation by 10% instead.


 52.3235, 0.3430,
0.3639


 52.3235, 0.3430,
0.3639

395.6842, 0.3282,
0.3468

 37.2630, 0.3466,
0.3681


 93.6082, 0.3377,
0.3577

 25.4112, 0.3511,
0.3734


 120.6011, 0.3357,
0.3554

 16.3837, 0.3570,
0.3803


152.3403, 0.3340,
0.3534

 9.7961, 0.3651,
0.3897

189.2102, 0.3325,
0.3517

 5.2639, 0.3765,
0.4033

231.5951, 0.3312,
0.3502

 2.4029, 0.3939,
0.4242

279.8795, 0.3301,

 0.8274, 0.4785,

0.3489

0.5215

334.4478, 0.3291,
0.3478

0.0000, 0.0000,
0.0000

52.3235, 0.3430,
0.3639

52.3235, 0.3430,
0.3639

49.4098, 0.3608,
0.3831

55.4386, 0.3264,
0.3451

46.6843, 0.3795,
0.4021

58.7540, 0.3111,
0.3271

44.1426, 0.3986,
0.4200

62.2775, 0.2972,
0.3101

41.7775, 0.4173,
0.4359

66.0146, 0.2847,
0.2943

39.5810, 0.4350,
0.4488

69.4130, 0.2782,
0.2881

■ 37.5441, 0.4507,
0.4576

■ 72.1711, 0.2786,
0.2940

■ 35.6565, 0.4637,
0.4616

■ 75.0163, 0.2790,
0.2998

■ 33.9016, 0.4739,
0.4612

■ 77.9495, 0.2794,
0.3055

■ 33.7131, 0.4749,
0.4611

■ 80.9713, 0.2798,
0.3112

Harmonies

Analogous

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



52.3235, 0.3530, 0.3534



52.3235, 0.3430, 0.3639



52.3235, 0.3249, 0.3649

Triad

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



52.3235, 0.3430, 0.3639



52.3235, 0.2750, 0.3188



52.3235, 0.3205, 0.3046

Complementary

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



52.3235, 0.3430, 0.3639



41.8554, 0.2825, 0.2915

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.



52.3235, 0.2996, 0.2957



52.3235, 0.3430, 0.3639



52.3235, 0.2739, 0.3031

Square

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



52.3235, 0.3430, 0.3639



52.3235, 0.2859, 0.3382



52.3235, 0.2827, 0.2950



52.3235, 0.3398, 0.3195

Rectangle

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



52.3235, 0.3430, 0.3639



52.3235, 0.3110, 0.3597



52.3235, 0.2827, 0.2950



52.3235, 0.3134, 0.3008

Sweetspot

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



52.3258, 0.3430, 0.3639



96.5266, 0.3219, 0.3399



41.6220, 0.3398, 0.3162



20.5814, 0.3230, 0.3411



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.



52.3258, 0.3430, 0.3639



87.3811, 0.3508, 0.3724



55.6136, 0.3336, 0.3767



11.9293, 0.3271, 0.3460



21.3641, 0.4740, 0.4619



1.1246, 0.4602, 0.4728

Inverse Universe

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



41.8554, 0.2825, 0.2915



65.9354, 0.2748, 0.2815



39.1577, 0.2892, 0.2789



10.7311, 0.2983, 0.3114



4.3567, 0.1591, 0.0926



0.3283, 0.1709, 0.1351

Previews

White Background



This preview shows how the Yxy color 52.3235, 0.3430, 0.3639 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 52.3235, 0.3430, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

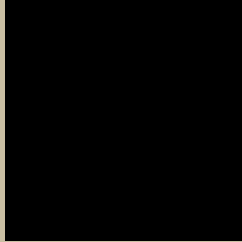
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

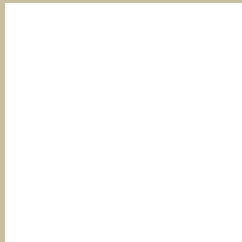
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3235, 0.3430, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 52.3235, 0.3430, 0.3639.



This preview shows how white text looks on a background with the Yxy color 52.3235, 0.3430, 0.3639.

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

52.3235, 0.3430, 0.3639

Protanopia

52.3235, 0.3430, 0.3639

Deuteranopia

52.1770, 0.3607, 0.3528



Tritanopia

52.4098, 0.3185, 0.3124

Trichromacy



Original Color

52.3235, 0.3430, 0.3639

Protanomaly

52.3235, 0.3430, 0.3639

Deuteranomaly

52.3671, 0.3537, 0.3568

Tritanomaly

52.3917, 0.3269, 0.3303

Monochromacy



Original Color

52.3235, 0.3430, 0.3639

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1999, 0.3237, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3235, 0.3430, 0.3639 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(201, 191, 163)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 163)  
}
```

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(201, 191, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 163) }
```

Border

The CSS property to change the border of an element to Yxy 52.3235, 0.3430, 0.3639 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(201, 191, 163) }
```

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

```
.border{ border-color:rgb(201, 191, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 163);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3235, 0.3430, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 163) }
```

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

```
.background{ background-color: rgb(201,  
191, 163) }
```

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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