

Converting Colors

$Y_{xy}(43.5240, 0.3421, 0.3417)$

Have a look what the booklet for
Yxy(43.5240, 0.3421, 0.3417)
contains.

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Color

Yxy(43.5830, 0.3416, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACA2
RGB	194, 172, 162
RGB Percent	76%, 67%, 64%
CMY	0.2393, 0.3255, 0.3647
CMYK	0.00, 0.11, 0.16, 0.24
HSL	19°, 21%, 70%
HSV	19°, 16%, 76%
XYZ	43.5193, 43.5830, 40.2961
YIQ	177.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

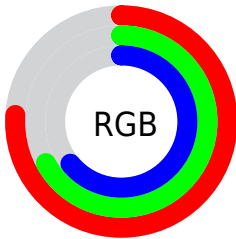
Format	Color
R_{YB}	194, 177, 162
Decimal	12758178
CIE _{Lab}	71.95, 6.29, 8.04
CIE _{LCh}	72, 10.208, 51.994
Yxy	43.5830, 0.3416, 0.3421
Android (android.graphics.Color)	4290948258 (0xFFC2ACA2)
YUV	177.4380, -7.6109, 14.5249
Hunter-Lab	66.0174, 2.1384, 10.0224

Details

The Yxy color $43.5830, 0.3416, 0.3421$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $45.8435, 0.2875, 0.3155$, and the grayscale version is $44.2432, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4572, 0.3363, 0.3392$, and $20.1342, 0.3505, 0.3469$ is the 20% darker color. If you saturate the color by 10%, you get $38.1267, 0.3634, 0.3506$, and if you desaturate by 10%, it is $49.6582, 0.3231, 0.3340$.

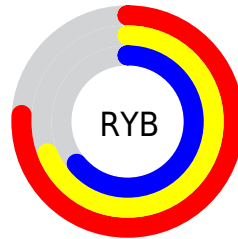
Distribution



Red (76%)

Green (67%)

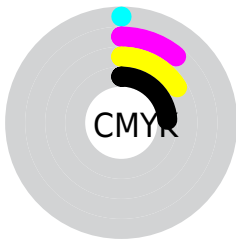
Blue (64%)



Red (76%)

Yellow (69%)

Blue (64%)

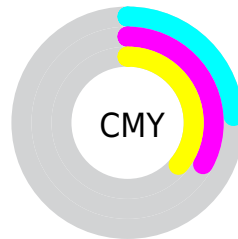


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5830, 0.3416, 0.3421 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 43.5830, 0.3416, 0.3421 by changing the saturation by 10% instead.


 43.5830, 0.3416,
0.3421

 43.5830, 0.3416,
0.3421


361.0039, 0.3269,
0.3356

 30.3428, 0.3453,
0.3437


 80.5899, 0.3362,
0.3398

 20.0989, 0.3502,
0.3457


 105.1254, 0.3342,
0.3389

 12.4670, 0.3567,
0.3484


134.1948, 0.3325,
0.3381

 7.0626, 0.3660,
0.3520

168.1824, 0.3311,
0.3375

 3.5013, 0.3803,
0.3573

207.4728, 0.3298,
0.3369

 1.3987, 0.4048,
0.3657

252.4502, 0.3287,

 0.2158, 0.6243,

0.3365

0.3757

303.4991, 0.3278,
0.3360

0.0000, 0.0000,
0.0000

43.5830, 0.3416,
0.3421

43.5830, 0.3416,
0.3421

38.1267, 0.3634,
0.3506

49.6582, 0.3231,
0.3340

33.2637, 0.3889,
0.3592

56.3654, 0.3075,
0.3264

28.9752, 0.4183,
0.3674

63.7244, 0.2944,
0.3194

25.2389, 0.4514,
0.3745

71.7525, 0.2832,
0.3130

22.0313, 0.4871,
0.3793

80.2070, 0.2758,
0.3114

■ 19.3267, 0.5233,
0.3807

■ 88.2832, 0.2770,
0.3257

■ 17.0972, 0.5569,
0.3777

■ 90.2079, 0.2773,
0.3289

■ 15.3107, 0.5847,
0.3700

■ 14.7777, 0.5935,
0.3670

Harmonies

Analogous

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



43.5830, 0.3376, 0.3298



43.5830, 0.3416, 0.3421



43.5830, 0.3377, 0.3513

Triad

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



43.5830, 0.3416, 0.3421



43.5830, 0.2986, 0.3407



43.5830, 0.2982, 0.3044

Complementary

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



43.5830, 0.3416, 0.3421



45.8435, 0.2875, 0.3155

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.



43.5830, 0.2882, 0.3066



43.5830, 0.3416, 0.3421



43.5830, 0.2885, 0.3274

Square

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



43.5830, 0.3416, 0.3421



43.5830, 0.3127, 0.3509



43.5830, 0.2847, 0.3149



43.5830, 0.3122, 0.3084

Rectangle

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



43.5830, 0.3416, 0.3421



43.5830, 0.3312, 0.3543



43.5830, 0.2847, 0.3149



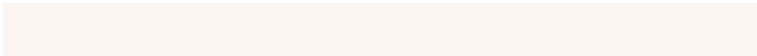
43.5830, 0.2942, 0.3044

Sweetspot

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



43.5849, 0.3416, 0.3421



91.6295, 0.3208, 0.3329



40.7823, 0.3230, 0.3004



19.8823, 0.3220, 0.3334



0.0000, 0.0000, 0.0000



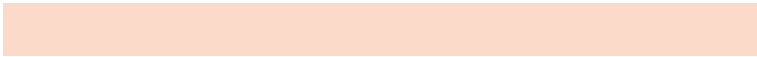
21.4041, 0.3127, 0.3290

Same Dimension

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



43.5849, 0.3416, 0.3421



75.0650, 0.3495, 0.3453



49.8675, 0.3384, 0.3617



10.5810, 0.3281, 0.3363



9.8478, 0.5911, 0.3689



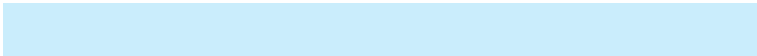
0.5512, 0.5464, 0.4044

Inverse Universe

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



45.8435, 0.2875, 0.3155



79.9686, 0.2816, 0.3121



39.7246, 0.2865, 0.2941



10.8792, 0.2984, 0.3216



13.7882, 0.1957, 0.2246



0.7144, 0.2030, 0.2506

Previews

White Background



This preview shows how the Yxy color 43.5830, 0.3416, 0.3421 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 43.5830, 0.3416, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

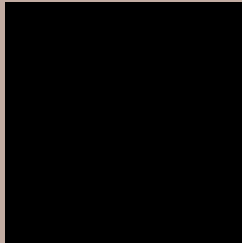
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5830, 0.3416, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 43.5830, 0.3416, 0.3421.



This preview shows how white text looks on a background with the Yxy color 43.5830, 0.3416, 0.3421.

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

43.5830, 0.3416, 0.3421

Protanopia

43.7983, 0.3290, 0.3451

Deuteranopia

43.5002, 0.3468, 0.3394



Tritanopia

43.6236, 0.3272, 0.3126

Trichromacy



Original Color

43.5830, 0.3416, 0.3421

Protanomaly

43.8691, 0.3336, 0.3449

Deuteranomaly

43.6048, 0.3446, 0.3407

Tritanomaly

43.5804, 0.3323, 0.3227

Monochromacy



Original Color

43.5830, 0.3416, 0.3421

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7058, 0.3223, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5830, 0.3416, 0.3421 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, 172, 162)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 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(194, 172, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 162) }
```

Border

The CSS property to change the border of an element to Yxy 43.5830, 0.3416, 0.3421 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, 172, 162) }
```

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

```
.border{ border-color:rgb(194, 172, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 162);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5830, 0.3416, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 162) }
```

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

```
.background{ background-color: rgb(194,  
172, 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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