

Converting Colors

$Yxy(43.1437, 0.3458, 0.3415)$

Have a look what the booklet for
Yxy(43.1437, 0.3458, 0.3415)
contains.

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Color

Yxy(43.1578, 0.3467, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	C5AAA0
RGB	197, 170, 160
RGB Percent	77%, 67%, 63%
CMY	0.2274, 0.3334, 0.3725
CMYK	0.00, 0.14, 0.19, 0.23
HSL	16°, 24%, 70%
HSV	16°, 19%, 77%
XYZ	43.7509, 43.1578, 39.2837
YIQ	176.9330, 19.3020, 2.6140

Conversions

Conversions Part 2

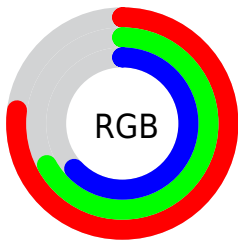
Format	Color
RYB	197, 174, 160
Decimal	12954272
CIELab	71.66, 8.21, 8.76
CIELCh	72, 12.004, 46.879
Yxy	43.1578, 0.3467, 0.3420
Android (android.graphics.Color)	4291144352 (0xFFC5AAA0)
YUV	176.9330, -8.3480, 17.5988
Hunter-Lab	65.6946, 3.9108, 10.5323

Details

The Yxy color **43.1578, 0.3467, 0.3420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0618, 0.2841, 0.3156**, and the grayscale version is **43.9688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8276, 0.3402, 0.3392**, and **19.9006, 0.3565, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **37.4224, 0.3699, 0.3494**, and if you desaturate by 10%, it is **49.5966, 0.3272, 0.3349**.

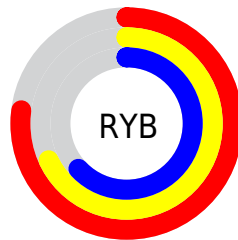
Distribution



Red (77%)

Green (67%)

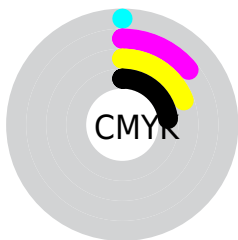
Blue (63%)



Red (77%)

Yellow (68%)

Blue (63%)

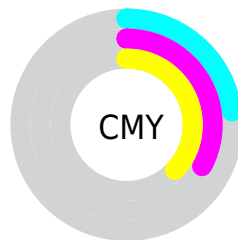


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1578, 0.3467, 0.3420 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 43.1578, 0.3467, 0.3420 by changing the saturation by 10% instead.


 43.1578, 0.3467,
0.3420


 43.1578, 0.3467,
0.3420


359.2603, 0.3294,
0.3356

 30.0089, 0.3511,
0.3435


 79.9489, 0.3403,
0.3397

 19.8454, 0.3569,
0.3455


 104.3600, 0.3380,
0.3389

 12.2827, 0.3646,
0.3480


133.2939, 0.3360,
0.3381

 6.9365, 0.3757,
0.3515

167.1351, 0.3343,
0.3375

 3.4224, 0.3926,
0.3563

206.2680, 0.3328,
0.3369

 1.3560, 0.4227,
0.3642

251.0768, 0.3315,

 0.1840, 0.6710,

0.3364

0.3290

301.9462, 0.3304,
0.3360

0.0000, 0.0000,
0.0000

43.1578, 0.3467,
0.3420

43.1578, 0.3467,
0.3420

37.4224, 0.3699,
0.3494

49.5966, 0.3272,
0.3349

32.3605, 0.3972,
0.3568

56.7558, 0.3109,
0.3282

27.9485, 0.4288,
0.3637

64.6591, 0.2972,
0.3221

24.1595, 0.4643,
0.3693

73.3274, 0.2857,
0.3165

20.9641, 0.5023,
0.3726

82.5520, 0.2778,
0.3150

■ 18.3309, 0.5402,
0.3723

■ 90.6137, 0.2789,
0.3289

■ 16.2249, 0.5741,
0.3678

■ 14.6030, 0.6010,
0.3596

■ 14.4356, 0.6040,
0.3586

Harmonies

Analogous

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



43.1578, 0.3404, 0.3273



43.1578, 0.3467, 0.3420



43.1578, 0.3436, 0.3538

Triad

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



43.1578, 0.3467, 0.3420



43.1578, 0.2987, 0.3453



43.1578, 0.2931, 0.3000

Complementary

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



43.1578, 0.3467, 0.3420



47.0618, 0.2841, 0.3156

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.



43.1578, 0.2826, 0.3038



43.1578, 0.3467, 0.3420



43.1578, 0.2857, 0.3298

Square

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



43.1578, 0.3467, 0.3420



43.1578, 0.3156, 0.3563



43.1578, 0.2799, 0.3145



43.1578, 0.3091, 0.3036

Rectangle

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



43.1578, 0.3467, 0.3420



43.1578, 0.3367, 0.3583



43.1578, 0.2799, 0.3145



43.1578, 0.2888, 0.3004

Sweetspot

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



43.1597, 0.3467, 0.3420



92.1320, 0.3225, 0.3330



40.6115, 0.3236, 0.2947



19.5430, 0.3237, 0.3335



0.0000, 0.0000, 0.0000



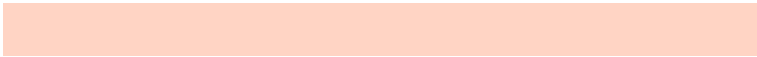
21.4041, 0.3127, 0.3290

Same Dimension

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



43.1597, 0.3467, 0.3420



72.4374, 0.3568, 0.3454



50.5441, 0.3425, 0.3649



11.0949, 0.3283, 0.3353



9.6122, 0.6017, 0.3604



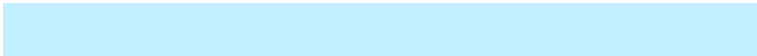
0.5788, 0.5594, 0.3940

Inverse Universe

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



47.0618, 0.2841, 0.3156



80.8366, 0.2772, 0.3120



39.7497, 0.2826, 0.2903



11.5646, 0.2984, 0.3226



15.8827, 0.1999, 0.2398



0.8673, 0.2057, 0.2606

Previews

White Background



This preview shows how the Yxy color 43.1578, 0.3467, 0.3420 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 43.1578, 0.3467, 0.3420 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 43.1578, 0.3467, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 43.1578, 0.3467, 0.3420.



This preview shows how white text looks on a background with the Yxy color 43.1578, 0.3467, 0.3420.

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

43.1578, 0.3467, 0.3420

Protanopia

43.2494, 0.3291, 0.3451

Deuteranopia

42.9198, 0.3479, 0.3407



Tritanopia

43.2121, 0.3320, 0.3127

Trichromacy



Original Color

43.1578, 0.3467, 0.3420

Protanomaly

43.0606, 0.3349, 0.3437

Deuteranomaly

42.9198, 0.3479, 0.3407

Tritanomaly

43.1645, 0.3372, 0.3227

Monochromacy



Original Color

43.1578, 0.3467, 0.3420

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4027, 0.3242, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1578, 0.3467, 0.3420 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(197, 170, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 160)  
}
```

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(197, 170, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 160) }
```

Border

The CSS property to change the border of an element to Yxy 43.1578, 0.3467, 0.3420 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(197, 170, 160) }
```

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

```
.border{ border-color:rgb(197, 170, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 170, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 160);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1578, 0.3467, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 170, 160) }
```

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

```
.background{ background-color: rgb(197,  
170, 160) }
```

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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