

Converting Colors

$Yxy(43.6610, 0.3419, 0.3438)$

Have a look what the booklet for
Yxy(43.6610, 0.3419, 0.3438)
contains.

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Color

Yxy(43.5476, 0.3425, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACA1
RGB	194, 172, 161
RGB Percent	76%, 67%, 63%
CMY	0.2392, 0.3255, 0.3686
CMYK	0.00, 0.11, 0.17, 0.24
HSL	20°, 21%, 70%
HSV	20°, 17%, 76%
XYZ	43.4335, 43.5476, 39.8320
YIQ	177.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

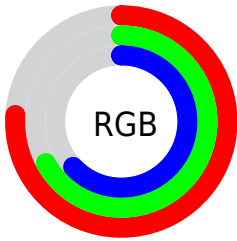
Format	Color
RYB	194, 178, 161
Decimal	12758177
CIELab	71.93, 6.13, 8.56
CIELCh	72, 10.528, 54.359
Yxy	43.5476, 0.3425, 0.3434
Android (android.graphics.Color)	4290948257 (0xFFC2ACA1)
YUV	177.3240, -8.0477, 14.6249
Hunter-Lab	65.9906, 2.0010, 10.4059

Details

The Yxy color $43.5476, 0.3425, 0.3434$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $45.3355, 0.2866, 0.3141$, and the grayscale version is $44.1831, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4053, 0.3370, 0.3402$, and $20.1125, 0.3518, 0.3487$ is the 20% darker color. If you saturate the color by 10%, you get $38.2328, 0.3643, 0.3525$, and if you desaturate by 10%, it is $49.4514, 0.3240, 0.3347$.

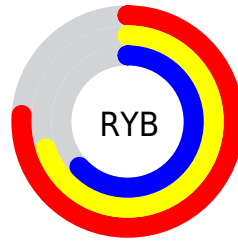
Distribution



Red (76%)

Green (67%)

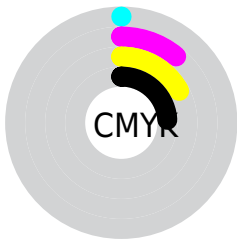
Blue (63%)



Red (76%)

Yellow (70%)

Blue (63%)

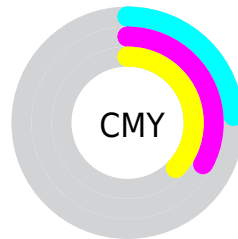


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5476, 0.3425, 0.3434 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 43.5476, 0.3425, 0.3434 by changing the saturation by 10% instead.

 43.5476, 0.3425,
0.3434


 43.5476, 0.3425,
0.3434


360.8589, 0.3274,
0.3363

 30.3150, 0.3464,
0.3452


 80.5366, 0.3369,
0.3408

 20.0778, 0.3514,
0.3474


 105.0617, 0.3349,
0.3399

 12.4516, 0.3581,
0.3503


134.1198, 0.3331,
0.3390

 7.0520, 0.3677,
0.3543

168.0953, 0.3316,
0.3383

 3.4947, 0.3823,
0.3602

207.3726, 0.3303,
0.3377

 1.3951, 0.4079,
0.3697

252.3360, 0.3292,

 0.2131, 0.6231,

0.3372

0.3769

303.3700, 0.3282,
0.3367

0.0000, 0.0000,
0.0000

43.5476, 0.3425,
0.3434

43.5476, 0.3425,
0.3434

38.2328, 0.3643,
0.3525

49.4514, 0.3240,
0.3347

33.4826, 0.3896,
0.3616

55.9558, 0.3083,
0.3266

29.2794, 0.4187,
0.3703

63.0798, 0.2950,
0.3192

25.6026, 0.4512,
0.3778

70.8394, 0.2837,
0.3123

22.4301, 0.4860,
0.3829

79.0558, 0.2757,
0.3092

■ 19.7380, 0.5212,
0.3845

■ 86.7999, 0.2768,
0.3232

■ 17.5002, 0.5538,
0.3815

■ 90.2095, 0.2773,
0.3289

■ 15.6860, 0.5808,
0.3737

■ 15.2170, 0.5883,
0.3711

Harmonies

Analogous

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



43.5476, 0.3390, 0.3309



43.5476, 0.3425, 0.3434



43.5476, 0.3378, 0.3525

Triad

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



43.5476, 0.3425, 0.3434



43.5476, 0.2972, 0.3401



43.5476, 0.2987, 0.3037

Complementary

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



43.5476, 0.3425, 0.3434



45.3355, 0.2866, 0.3141

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.



43.5476, 0.2880, 0.3055



43.5476, 0.3425, 0.3434



43.5476, 0.2871, 0.3262

Square

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



43.5476, 0.3425, 0.3434



43.5476, 0.3115, 0.3509



43.5476, 0.2838, 0.3136



43.5476, 0.3134, 0.3084

Rectangle

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



43.5476, 0.3425, 0.3434



43.5476, 0.3308, 0.3553



43.5476, 0.2838, 0.3136



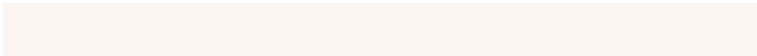
43.5476, 0.2946, 0.3036

Sweetspot

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



43.5496, 0.3425, 0.3434



91.7847, 0.3207, 0.3331



40.3767, 0.3244, 0.3008



19.9209, 0.3219, 0.3337



0.0000, 0.0000, 0.0000



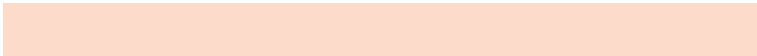
21.4041, 0.3127, 0.3290

Same Dimension

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



43.5496, 0.3425, 0.3434



75.6013, 0.3493, 0.3464



50.2233, 0.3391, 0.3641



10.6146, 0.3281, 0.3367



10.1407, 0.5859, 0.3730



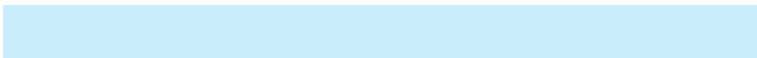
0.5665, 0.5418, 0.4080

Inverse Universe

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



45.3355, 0.2866, 0.3141



79.3737, 0.2816, 0.3110



38.9251, 0.2856, 0.2913



10.8440, 0.2984, 0.3211



13.0897, 0.1937, 0.2173



0.6880, 0.2014, 0.2452

Previews

White Background



This preview shows how the Yxy color 43.5476, 0.3425, 0.3434 looks on a white background.

Color Contrast Check

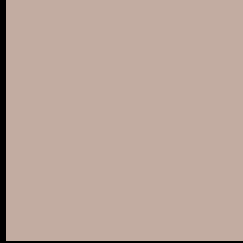
Large Text (above 18pt) WCAG AA × Fail

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 43.5476, 0.3425, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

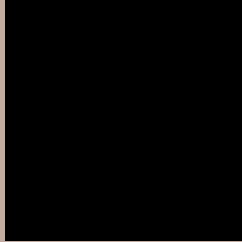
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5476, 0.3425, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 43.5476, 0.3425, 0.3434.



This preview shows how white text looks on a background with the Yxy color 43.5476, 0.3425, 0.3434.

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

43.5476, 0.3425, 0.3434

Protanopia

43.7623, 0.3298, 0.3464

Deuteranopia

43.4648, 0.3477, 0.3406



Tritanopia

43.6236, 0.3272, 0.3126

Trichromacy



Original Color

43.5476, 0.3425, 0.3434

Protanomaly

43.8334, 0.3345, 0.3463

Deuteranomaly

43.5693, 0.3455, 0.3420

Tritanomaly

43.5412, 0.3332, 0.3239

Monochromacy



Original Color

43.5476, 0.3425, 0.3434

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6675, 0.3232, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5476, 0.3425, 0.3434 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 161) }
```

Border

The CSS property to change the border of an element to Yxy 43.5476, 0.3425, 0.3434 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, 161) }
```

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

```
.border{ border-color:rgb(194, 172, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5476, 0.3425, 0.3434 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, 161) }
```

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

```
.background{ background-color: rgb(194,  
172, 161) }
```

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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