

Converting Colors

$Y_{xy}(43.1478, 0.3656, 0.3585)$

Have a look what the booklet for
Yxy(43.1478, 0.3656, 0.3585)
contains.

Yxy(43.1478, 0.3656, 0.3585)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.1478, 0.3656, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	CBA992
RGB	203, 169, 146
RGB Percent	80%, 66%, 57%
CMY	0.2040, 0.3372, 0.4274
CMYK	0.00, 0.17, 0.28, 0.20
HSL	24°, 35%, 68%
HSV	24°, 28%, 80%
XYZ	44.0023, 43.1478, 33.2064
YIQ	176.5440, 27.6470, 0.0550

Conversions

Conversions Part 2

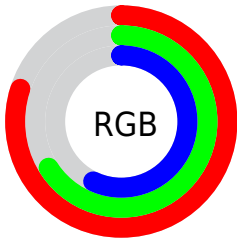
Format	Color
R _Y B	203, 185, 146
Decimal	13347218
CIE Lab	71.66, 8.97, 16.51
CIE LCh	72, 18.788, 61.474
Yxy	43.1478, 0.3656, 0.3585
Android (android.graphics.Color)	4291537298 (0xFFCBA992)
YUV	176.5440, -15.0582, 23.2019
Hunter-Lab	65.6870, 4.6212, 16.0084

Details

The Yxy color $43.1478, 0.3656, 0.3585$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.0589, 0.2691, 0.2975$, and the grayscale version is $43.7851, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7414, 0.3516, 0.3535$, and $19.8447, 0.3818, 0.3671$ is the 20% darker color. If you saturate the color by 10%, you get $38.2756, 0.3901, 0.3695$, and if you desaturate by 10%, it is $48.5531, 0.3442, 0.3476$.

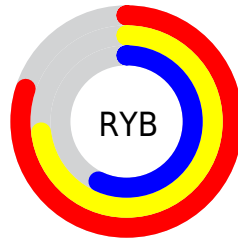
Distribution



Red (80%)

Green (66%)

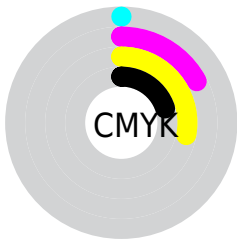
Blue (57%)



Red (80%)

Yellow (73%)

Blue (57%)

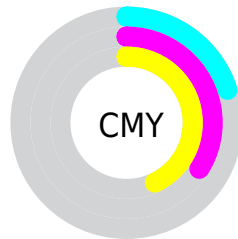


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (34%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1478, 0.3656, 0.3585 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 43.1478, 0.3656, 0.3585 by changing the saturation by 10% instead.


 43.1478, 0.3656,
0.3585


 43.1478, 0.3656,
0.3585


359.2192, 0.3387,
0.3441

 30.0011, 0.3725,
0.3620


 79.9338, 0.3557,
0.3533

 19.8394, 0.3813,
0.3663


 104.3420, 0.3520,
0.3514

 12.2784, 0.3932,
0.3719


133.2727, 0.3489,
0.3497

 6.9336, 0.4099,
0.3793

167.1105, 0.3463,
0.3483

 3.4206, 0.4349,
0.3893

206.2396, 0.3440,
0.3470

 1.3550, 0.4993,
0.4225

251.0445, 0.3420,

 0.1832, 0.6821,

0.3459

0.3179

301.9096, 0.3402,
0.3449

0.0000, 0.0000,
0.0000

43.1478, 0.3656,
0.3585

43.1478, 0.3656,
0.3585

38.2756, 0.3901,
0.3695

48.5531, 0.3442,
0.3476

33.9133, 0.4178,
0.3799

54.5019, 0.3257,
0.3370

30.0447, 0.4481,
0.3889

61.0118, 0.3098,
0.3271

26.6503, 0.4800,
0.3953

68.0975, 0.2962,
0.3180

23.7090, 0.5117,
0.3977

75.7734, 0.2846,
0.3095

■ 21.1977, 0.5408,
0.3951

■ 83.2012, 0.2812,
0.3148

■ 19.0876, 0.5652,
0.3875

■ 90.6321, 0.2821,
0.3276

■ 18.7208, 0.5697,
0.3859

■ 91.4344, 0.2821,
0.3289

Harmonies

Analogous

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



43.1478, 0.3629, 0.3371



43.1478, 0.3656, 0.3585



43.1478, 0.3535, 0.3734

Triad

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



43.1478, 0.3656, 0.3585



43.1478, 0.2798, 0.3431



43.1478, 0.2933, 0.2857

Complementary

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



43.1478, 0.3656, 0.3585



43.0589, 0.2691, 0.2975

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.



43.1478, 0.2725, 0.2856



43.1478, 0.3656, 0.3585



43.1478, 0.2650, 0.3175

Square

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



43.1478, 0.3656, 0.3585



43.1478, 0.3037, 0.3653



43.1478, 0.2624, 0.2967



43.1478, 0.3202, 0.2963

Rectangle

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



43.1478, 0.3656, 0.3585



43.1478, 0.3391, 0.3770



43.1478, 0.2624, 0.2967



43.1478, 0.2854, 0.2845

Sweetspot

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



43.1498, 0.3656, 0.3585



91.2378, 0.3258, 0.3371



36.5582, 0.3378, 0.2861



19.1908, 0.3284, 0.3386



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.



43.1498, 0.3656, 0.3585



66.9524, 0.3809, 0.3656



54.8333, 0.3565, 0.3921



11.9447, 0.3280, 0.3384



12.0840, 0.5672, 0.3878



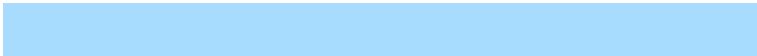
0.7711, 0.5318, 0.4160

Inverse Universe

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



43.0589, 0.2691, 0.2975



66.7638, 0.2592, 0.2891



32.7842, 0.2649, 0.2569



11.9377, 0.2983, 0.3194



11.6368, 0.1867, 0.1922



0.7468, 0.1949, 0.2217

Previews

White Background



This preview shows how the Yxy color 43.1478, 0.3656, 0.3585 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 43.1478, 0.3656, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

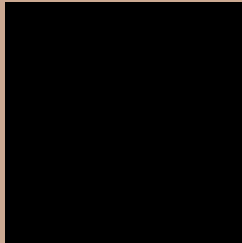
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1478, 0.3656, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 43.1478, 0.3656, 0.3585.



This preview shows how white text looks on a background with the Yxy color 43.1478, 0.3656, 0.3585.

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

43.1478, 0.3656, 0.3585

Protanopia

43.1442, 0.3439, 0.3640

Deuteranopia

43.1478, 0.3656, 0.3585



Tritanopia

43.3500, 0.3416, 0.3142

Trichromacy



Original Color

43.1478, 0.3656, 0.3585

Protanomaly

43.2317, 0.3520, 0.3621

Deuteranomaly

43.1478, 0.3656, 0.3585

Tritanomaly

43.1474, 0.3507, 0.3291

Monochromacy



Original Color

43.1478, 0.3656, 0.3585

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4644, 0.3303, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1478, 0.3656, 0.3585 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(203, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 146)  
}
```

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(203, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 146) }
```

Border

The CSS property to change the border of an element to Yxy 43.1478, 0.3656, 0.3585 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(203, 169, 146) }
```

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

```
.border{ border-color:rgb(203, 169, 146) }
```

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

Here you see how a box with a 4 pixel rgb(203, 169, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(203, 169,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1478, 0.3656, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 146) }
```

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

```
.background{ background-color: rgb(203,  
169, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor