

Converting Colors

$Y_{xy}(42.9718, 0.3635, 0.3340)$

Have a look what the booklet for
Yxy(42.9718, 0.3635, 0.3340)
contains.

Yxy(43.0860, 0.3627, 0.3341)	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(43.0860, 0.3627, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	D4A4A0
RGB	212, 164, 160
RGB Percent	83%, 64%, 63%
CMY	0.1686, 0.3569, 0.3726
CMYK	0.00, 0.23, 0.25, 0.17
HSL	5°, 38%, 73%
HSV	5°, 25%, 83%
XYZ	46.7743, 43.0860, 39.1011
YIQ	177.8960, 29.8920, 8.9320

Conversions

Conversions Part 2

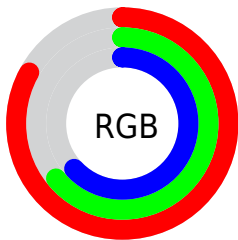
Format	Color
R _Y B	212, 164, 160
Decimal	13935776
CIE Lab	71.61, 17.11, 8.90
CIE LCh	72, 19.286, 27.479
Yxy	43.0860, 0.3627, 0.3341
Android (android.graphics.Color)	4292125856 (0xFFD4A4A0)
YUV	177.8960, -8.8227, 29.9092
Hunter-Lab	65.6399, 12.3273, 10.6294

Details

The Yxy color **43.0860, 0.3627, 0.3341** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3385, 0.2764, 0.3238**, and the grayscale version is **44.4997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8293, 0.3418, 0.3331**, and **19.7604, 0.3765, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **35.9357, 0.3916, 0.3363**, and if you desaturate by 10%, it is **51.4441, 0.3392, 0.3319**.

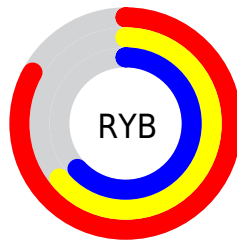
Distribution



Red (83%)

Green (64%)

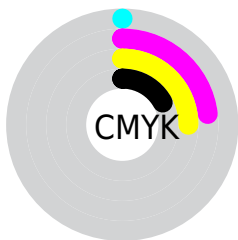
Blue (63%)



Red (83%)

Yellow (64%)

Blue (63%)

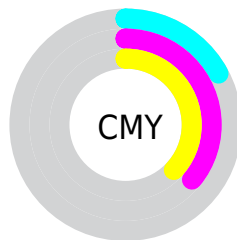


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (17%)



Cyan (17%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0860, 0.3627, 0.3341 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 43.0860, 0.3627, 0.3341 by changing the saturation by 10% instead.


 43.0860, 0.3627,
0.3341


 43.0860, 0.3627,
0.3341


358.9653, 0.3372,
0.3320

 29.9526, 0.3692,
0.3345


 79.8406, 0.3533,
0.3334

 19.8026, 0.3777,
0.3349


 104.2306, 0.3498,
0.3331

 12.2516, 0.3892,
0.3353


133.1416, 0.3469,
0.3329

 6.9153, 0.4055,
0.3355

166.9580, 0.3444,
0.3327

 3.4092, 0.4304,
0.3352

206.0642, 0.3422,
0.3325

 1.3489, 0.4743,
0.3335


250.8445, 0.3403,

 0.1786, 0.7669,

0.3323


0.2331

301.6834, 0.3386,
0.3321


 0.0000, 0.0000,
0.0000


 43.0860, 0.3627,
0.3341


 43.0860, 0.3627,
0.3341

 35.9357, 0.3916,
0.3363


 51.4441, 0.3392,
0.3319


 29.9318, 0.4264,
0.3384

 61.0559, 0.3201,
0.3299

 25.0163, 0.4672,
0.3401

 71.9722, 0.3047,
0.3280

 21.1239, 0.5123,
0.3409

 84.2394, 0.2922,
0.3263

 18.1824, 0.5578,
0.3406

 92.7395, 0.2872,
0.3289

■ 16.1099, 0.5976,
0.3386

■ 14.8109, 0.6253,
0.3354

■ 14.3810, 0.6351,
0.3340

Harmonies

Analogous

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



43.0860, 0.3437, 0.3115



43.0860, 0.3627, 0.3341



43.0860, 0.3676, 0.3566

Triad

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



43.0860, 0.3627, 0.3341



43.0860, 0.3071, 0.3687



43.0860, 0.2694, 0.2853

Complementary

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



43.0860, 0.3627, 0.3341



57.3385, 0.2764, 0.3238

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.



43.0860, 0.2607, 0.2982



43.0860, 0.3627, 0.3341



43.0860, 0.2818, 0.3469

Square

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



43.0860, 0.3627, 0.3341



43.0860, 0.3347, 0.3782



43.0860, 0.2651, 0.3205



43.0860, 0.2894, 0.2840

Rectangle

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



43.0860, 0.3627, 0.3341



43.0860, 0.3621, 0.3686



43.0860, 0.2651, 0.3205



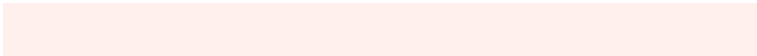
43.0860, 0.2651, 0.2883

Sweetspot

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



43.0880, 0.3627, 0.3341



88.8400, 0.3246, 0.3304



43.7168, 0.3185, 0.2721



18.8194, 0.3257, 0.3305



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.



43.0880, 0.3627, 0.3341



60.0360, 0.3757, 0.3352



53.1345, 0.3555, 0.3647



12.5732, 0.3289, 0.3309



8.9337, 0.6339, 0.3349



0.5938, 0.6159, 0.3492

Inverse Universe

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



57.3385, 0.2764, 0.3238



84.9822, 0.2699, 0.3227



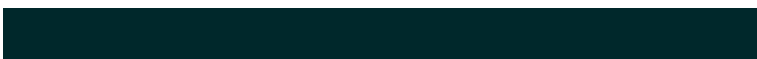
45.9004, 0.2735, 0.2905



13.9362, 0.2983, 0.3271



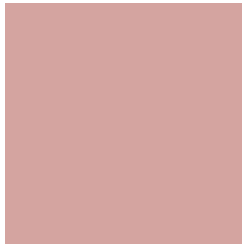
27.2738, 0.2180, 0.3048



1.6949, 0.2193, 0.3093

Previews

White Background



This preview shows how the Yxy color 43.0860, 0.3627, 0.3341 looks on a white background.

Color Contrast Check

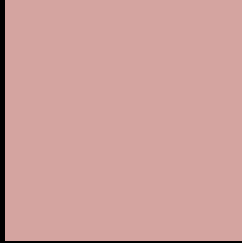
Large Text (above 18pt) WCAG AA × Fail

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 43.0860, 0.3627, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

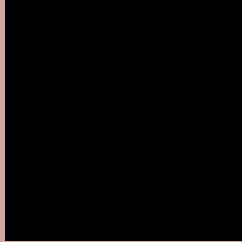
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0860, 0.3627, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 43.0860, 0.3627, 0.3341.



This preview shows how white text looks on a background with the Yxy color 43.0860, 0.3627, 0.3341.

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

43.0860, 0.3627, 0.3341

Protanopia

43.2369, 0.3256, 0.3411

Deuteranopia

43.0213, 0.3497, 0.3420



Tritanopia

43.1928, 0.3517, 0.3145

Trichromacy



Original Color

43.0860, 0.3627, 0.3341

Protanomaly

43.0126, 0.3381, 0.3382

Deuteranomaly

42.9780, 0.3550, 0.3393

Tritanomaly

43.2051, 0.3553, 0.3218

Monochromacy



Original Color

43.0860, 0.3627, 0.3341

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7746, 0.3298, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0860, 0.3627, 0.3341 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(212, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(212, 164, 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(212, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 164, 160) }
```

Border

The CSS property to change the border of an element to Yxy 43.0860, 0.3627, 0.3341 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(212, 164, 160) }
```

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

```
.border{ border-color:rgb(212, 164, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 164, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(212, 164,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0860, 0.3627, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 164, 160) }
```

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

```
.background{ background-color: rgb(212,  
164, 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](#).

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