

Converting Colors

$Yxy(44.0169, 0.3702, 0.3361)$

Have a look what the booklet for
Yxy(44.0169, 0.3702, 0.3361)
contains.

Yxy(43.9250, 0.3704, 0.3364)	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(43.9250, 0.3704, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	DAA49E
RGB	218, 164, 158
RGB Percent	85%, 64%, 62%
CMY	0.1450, 0.3569, 0.3803
CMYK	0.00, 0.25, 0.28, 0.15
HSL	6°, 45%, 74%
HSV	6°, 28%, 85%
XYZ	48.3645, 43.9250, 38.2842
YIQ	179.4620, 34.1100, 9.5820

Conversions

Conversions Part 2

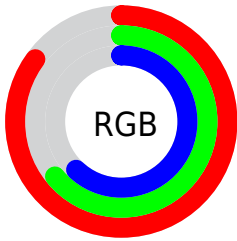
Format	Color
R _Y B	218, 165, 158
Decimal	14328990
CIE Lab	72.18, 19.10, 10.87
CIE LCh	72, 21.975, 29.647
Yxy	43.9250, 0.3704, 0.3364
Android (android.graphics.Color)	4292519070 (0xFFDAA49E)
YUV	179.4620, -10.5808, 33.7978
Hunter-Lab	66.2759, 14.2765, 12.1444

Details

The Yxy color **43.9250, 0.3704, 0.3364** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.4366, 0.2721, 0.3214**, and the grayscale version is **45.3846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7271, 0.3433, 0.3352**, and **20.3313, 0.3873, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **36.7501, 0.4007, 0.3392**, and if you desaturate by 10%, it is **52.3213, 0.3456, 0.3336**.

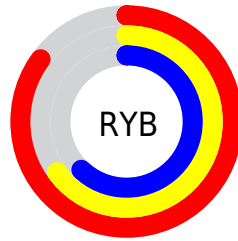
Distribution



Red (85%)

Green (64%)

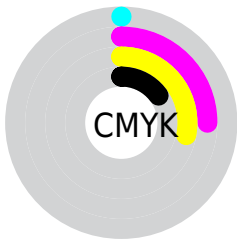
Blue (62%)



Red (85%)

Yellow (65%)

Blue (62%)

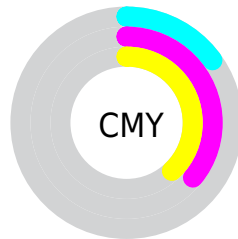


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9250, 0.3704, 0.3364 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 43.9250, 0.3704, 0.3364 by changing the saturation by 10% instead.


 43.9250, 0.3704,
0.3364

 43.9250, 0.3704,
0.3364


362.4021, 0.3410,
0.3333

 30.6116, 0.3779,
0.3370


 81.1049, 0.3596,
0.3354

 20.3032, 0.3876,
0.3376


 105.7401, 0.3556,
0.3350

 12.6157, 0.4007,
0.3382


134.9180, 0.3522,
0.3346

 7.1644, 0.4192,
0.3387

169.0230, 0.3493,
0.3343

 3.5651, 0.4472,
0.3384

208.4396, 0.3468,
0.3340

 1.4334, 0.4965,
0.3370

253.5520, 0.3446,

 0.2412, 0.7425,

0.3337

0.2575

304.7447, 0.3427,
0.3335

0.0000, 0.0000,
0.0000

43.9250, 0.3704,
0.3364

43.9250, 0.3704,
0.3364

36.7501, 0.4007,
0.3392

52.3213, 0.3456,
0.3336

30.7340, 0.4368,
0.3418

61.9858, 0.3254,
0.3309

25.8175, 0.4785,
0.3437

72.9703, 0.3090,
0.3284

21.9339, 0.5235,
0.3445

85.3220, 0.2956,
0.3261

19.0093, 0.5676,
0.3435

93.6475, 0.2906,
0.3289

■ 16.9597, 0.6045,
0.3406

■ 15.6851, 0.6287,
0.3362

■ 15.4712, 0.6331,
0.3355

Harmonies

Analogous

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



43.9250, 0.3497, 0.3109



43.9250, 0.3704, 0.3364



43.9250, 0.3746, 0.3615

Triad

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



43.9250, 0.3704, 0.3364



43.9250, 0.3039, 0.3728



43.9250, 0.2651, 0.2792

Complementary

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



43.9250, 0.3704, 0.3364



59.4366, 0.2721, 0.3214

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.



43.9250, 0.2544, 0.2925



43.9250, 0.3704, 0.3364



43.9250, 0.2759, 0.3471

Square

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



43.9250, 0.3704, 0.3364



43.9250, 0.3352, 0.3847



43.9250, 0.2582, 0.3171



43.9250, 0.2883, 0.2788

Rectangle

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



43.9250, 0.3704, 0.3364



43.9250, 0.3675, 0.3749



43.9250, 0.2582, 0.3171



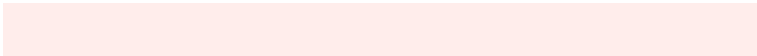
43.9250, 0.2599, 0.2822

Sweetspot

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



43.9271, 0.3704, 0.3364



87.5916, 0.3264, 0.3310



44.1719, 0.3202, 0.2661



18.2782, 0.3292, 0.3314



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.



43.9271, 0.3704, 0.3364



56.5307, 0.3872, 0.3380



55.5233, 0.3613, 0.3704



13.2593, 0.3289, 0.3314



9.3398, 0.6317, 0.3366



0.6779, 0.6107, 0.3533

Inverse Universe

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



59.4366, 0.2721, 0.3214



82.1449, 0.2644, 0.3197



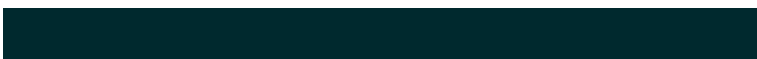
46.2069, 0.2683, 0.2837



14.5961, 0.2982, 0.3266



26.8476, 0.2160, 0.2975



1.8049, 0.2175, 0.3031

Previews

White Background



This preview shows how the Yxy color 43.9250, 0.3704, 0.3364 looks on a white background.

Color Contrast Check

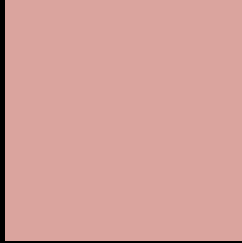
Large Text (above 18pt) WCAG AA × Fail

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 43.9250, 0.3704, 0.3364 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 43.9250, 0.3704, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 43.9250, 0.3704, 0.3364.



This preview shows how white text looks on a background with the Yxy color 43.9250, 0.3704, 0.3364.

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

43.9250, 0.3704, 0.3364

Protanopia

44.2282, 0.3280, 0.3450

Deuteranopia

44.1167, 0.3539, 0.3469



Tritanopia

44.1123, 0.3574, 0.3148

Trichromacy



Original Color

43.9250, 0.3704, 0.3364

Protanomaly

43.8494, 0.3435, 0.3420

Deuteranomaly

43.8495, 0.3605, 0.3429

Tritanomaly

44.0816, 0.3620, 0.3232

Monochromacy



Original Color

43.9250, 0.3704, 0.3364

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5498, 0.3324, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9250, 0.3704, 0.3364 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(218, 164, 158)` looks like.

```
.text, #text, p{  
    color:rgb(218, 164, 158)  
}
```

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(218, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 164, 158) }
```

Border

The CSS property to change the border of an element to Yxy 43.9250, 0.3704, 0.3364 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(218, 164, 158) }
```

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

```
.border{ border-color:rgb(218, 164, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 164, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(218, 164,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9250, 0.3704, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 164, 158) }
```

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

```
.background{ background-color: rgb(218,  
164, 158) }
```

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