

Converting Colors

$Y_{xy}(43.9409, 0.3931, 0.3632)$

Have a look what the booklet for
Yxy(43.9409, 0.3931, 0.3632)
contains.

Yxy(43.9321, 0.3922, 0.3629)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9321, 0.3922, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	DCA589
RGB	220, 165, 137
RGB Percent	86%, 65%, 54%
CMY	0.1374, 0.3529, 0.4627
CMYK	0.00, 0.25, 0.38, 0.14
HSL	20°, 54%, 70%
HSV	20°, 38%, 86%
XYZ	47.4791, 43.9321, 29.6472
YIQ	178.2530, 41.7680, 2.9520

Conversions

Conversions Part 2

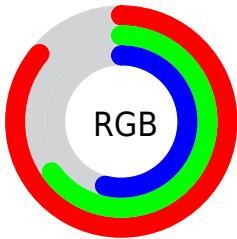
Format	Color
R _Y B	220, 179, 137
Decimal	14460297
CIE Lab	72.18, 16.63, 22.41
CIE LCh	72, 27.905, 53.426
Yxy	43.9321, 0.3922, 0.3629
Android (android.graphics.Color)	4292650377 (0xFFDCA589)
YUV	178.2530, -20.3377, 36.6121
Hunter-Lab	66.2813, 11.8722, 19.8769

Details

The Yxy color **43.9321, 0.3922, 0.3629** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.1661, 0.2550, 0.2919**, and the grayscale version is **44.7557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2080, 0.3589, 0.3587**, and **20.2849, 0.4152, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **38.4050, 0.4218, 0.3717**, and if you desaturate by 10%, it is **50.1909, 0.3664, 0.3536**.

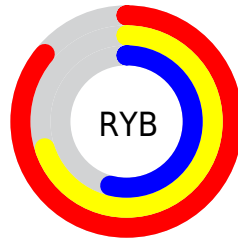
Distribution



Red (86%)

Green (65%)

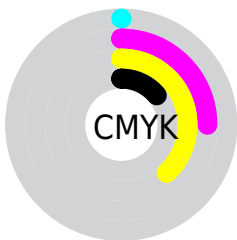
Blue (54%)



Red (86%)

Yellow (70%)

Blue (54%)

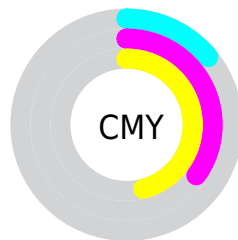


Cyan (0%)

Magenta (25%)

Yellow (38%)

Black (14%)



Cyan (14%)


Magenta (35%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9321, 0.3922, 0.3629 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 43.9321, 0.3922, 0.3629 by changing the saturation by 10% instead.


 43.9321, 0.3922,
0.3629

 43.9321, 0.3922,
0.3629


362.4311, 0.3518,
0.3471


 30.6171, 0.4024,
0.3664


 81.1156, 0.3774,
0.3575

 20.3075, 0.4155,
0.3706


 105.7528, 0.3719,
0.3553

 12.6188, 0.4328,
0.3756

 134.9330, 0.3672,
0.3535

 7.1665, 0.4568,
0.3815


169.0405, 0.3632,
0.3519

 3.5665, 0.4915,
0.3874

208.4596, 0.3598,
0.3505

 1.4341, 0.5827,
0.4173

253.5749, 0.3568,

 0.2417, 0.7245,

0.3492

0.2755

304.7706, 0.3541,
0.3481

0.0000, 0.0000,
0.0000

43.9321, 0.3922,
0.3629

43.9321, 0.3922,
0.3629

38.4050, 0.4218,
0.3717

50.1909, 0.3664,
0.3536

33.5755, 0.4547,
0.3791

57.2014, 0.3442,
0.3443

29.4158, 0.4898,
0.3840

64.9906, 0.3253,
0.3355

25.8936, 0.5249,
0.3851

73.5821, 0.3093,
0.3272

22.9735, 0.5570,
0.3815

82.9987, 0.2957,
0.3195

■ 20.6136, 0.5832,
0.3730

■ 92.3278, 0.2916,
0.3263

■ 20.1441, 0.5886,
0.3708

■ 93.9507, 0.2917,
0.3289

Harmonies

Analogous

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



43.9321, 0.3823, 0.3308



43.9321, 0.3922, 0.3629



43.9321, 0.3793, 0.3891

Triad

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



43.9321, 0.3922, 0.3629



43.9321, 0.2725, 0.3598



43.9321, 0.2746, 0.2650

Complementary

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



43.9321, 0.3922, 0.3629



48.1661, 0.2550, 0.2919

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.



43.9321, 0.2487, 0.2684



43.9321, 0.3922, 0.3629



43.9321, 0.2474, 0.3209

Square

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



43.9321, 0.3922, 0.3629



43.9321, 0.3092, 0.3904



43.9321, 0.2391, 0.2877



43.9321, 0.3122, 0.2766

Rectangle

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



43.9321, 0.3922, 0.3629



43.9321, 0.3602, 0.3990



43.9321, 0.2391, 0.2877



43.9321, 0.2644, 0.2644

Sweetspot

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



43.9342, 0.3922, 0.3629



87.0366, 0.3313, 0.3384



36.9245, 0.3439, 0.2645



18.3078, 0.3339, 0.3396



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.



43.9342, 0.3922, 0.3629



55.3982, 0.4145, 0.3697



61.2282, 0.3745, 0.4085



13.7664, 0.3283, 0.3370



12.0113, 0.5858, 0.3730



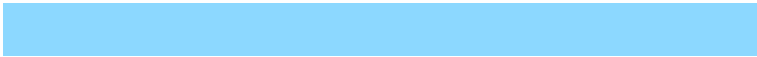
0.9344, 0.5541, 0.3982

Inverse Universe

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



48.1661, 0.2550, 0.2919



62.0608, 0.2440, 0.2829



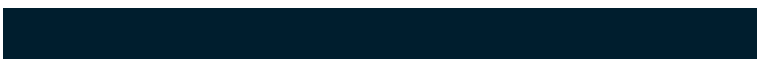
32.5652, 0.2466, 0.2343



14.0505, 0.2982, 0.3209



15.2611, 0.1931, 0.2152



1.1455, 0.1989, 0.2359

Previews

White Background



This preview shows how the Yxy color 43.9321, 0.3922, 0.3629 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 43.9321, 0.3922, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

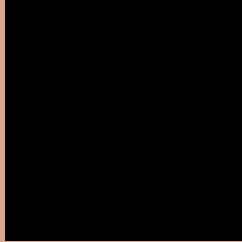
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9321, 0.3922, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 43.9321, 0.3922, 0.3629.



This preview shows how white text looks on a background with the Yxy color 43.9321, 0.3922, 0.3629.

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

43.9321, 0.3922, 0.3629

Protanopia

44.1188, 0.3514, 0.3743

Deuteranopia

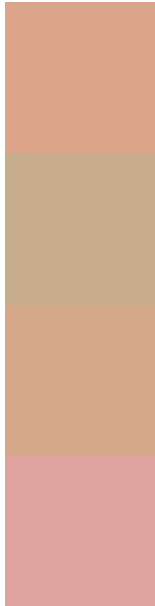
43.9369, 0.3794, 0.3718



Tritanopia

43.8081, 0.3627, 0.3150

Trichromacy



Original Color

43.9321, 0.3922, 0.3629

Protanomaly

44.0896, 0.3659, 0.3703

Deuteranomaly

43.7799, 0.3841, 0.3688

Tritanomaly

43.8735, 0.3739, 0.3328

Monochromacy



Original Color

43.9321, 0.3922, 0.3629

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8689, 0.3396, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9321, 0.3922, 0.3629 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(220, 165, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 165, 137)  
}
```

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(220, 165, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 165, 137) }
```

Border

The CSS property to change the border of an element to Yxy 43.9321, 0.3922, 0.3629 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(220, 165, 137) }
```

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

```
.border{ border-color:rgb(220, 165, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 165, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 165, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 165, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 165,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9321, 0.3922, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 165, 137) }
```

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

```
.background{ background-color: rgb(220,  
165, 137) }
```

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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