

Converting Colors

$Yxy(43.8798, 0.3968, 0.3690)$

Have a look what the booklet for
Yxy(43.8798, 0.3968, 0.3690)
contains.

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Color

Yxy(43.7919, 0.3970, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	DCA584
RGB	220, 165, 132
RGB Percent	86%, 65%, 52%
CMY	0.1374, 0.3529, 0.4824
CMYK	0.00, 0.25, 0.40, 0.14
HSL	23°, 56%, 69%
HSV	23°, 40%, 86%
XYZ	47.1276, 43.7919, 27.7899
YIQ	177.6830, 43.3730, 1.3970

Conversions

Conversions Part 2

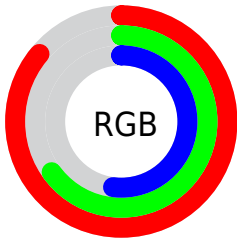
Format	Color
R _Y B	220, 185, 132
Decimal	14460292
CIE Lab	72.09, 16.05, 25.01
CIE LCh	72, 29.721, 57.313
Yxy	43.7919, 0.3970, 0.3689
Android (android.graphics.Color)	4292650372 (0xFFDCA584)
YUV	177.6830, -22.5217, 37.1120
Hunter-Lab	66.1754, 11.3139, 21.4244

Details

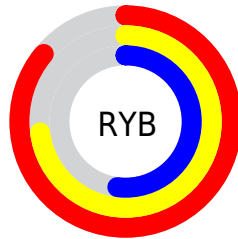
The Yxy color **43.7919, 0.3970, 0.3689** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.5803, 0.2509, 0.2846**, and the grayscale version is **44.4482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9492, 0.3632, 0.3649**, and **20.2060, 0.4217, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **38.5609, 0.4263, 0.3784**, and if you desaturate by 10%, it is **49.6864, 0.3711, 0.3587**.

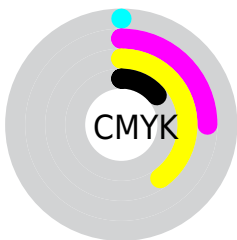
Distribution



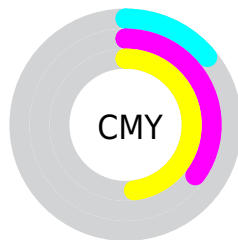
- Red (86%)
- Green (65%)
- Blue (52%)



- Red (86%)
- Yellow (73%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (14%)





- Cyan (14%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7919, 0.3970, 0.3689 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 43.7919, 0.3970, 0.3689 by changing the saturation by 10% instead.


 43.7919, 0.3970,
0.3689


 43.7919, 0.3970,
0.3689


361.8584, 0.3542,
0.3502


 30.5069, 0.4077,
0.3730


 80.9045, 0.3814,
0.3625

 20.2237, 0.4215,
0.3780


 105.5010, 0.3755,
0.3600

 12.5578, 0.4396,
0.3839


 134.6367, 0.3706,
0.3578

 7.1247, 0.4645,
0.3907

168.6961, 0.3664,
0.3559

 3.5402, 0.4998,
0.3975

208.0636, 0.3627,
0.3542

 1.4199, 0.5800,
0.4200

253.1235, 0.3595,

 0.2313, 0.7256,

0.3527

0.2744

304.2603, 0.3567,
0.3514

0.0000, 0.0000,
0.0000

43.7919, 0.3970,
0.3689

43.7919, 0.3970,
0.3689

38.5609, 0.4263,
0.3784

49.6864, 0.3711,
0.3587

33.9624, 0.4583,
0.3863

56.2613, 0.3486,
0.3483

29.9718, 0.4918,
0.3913

63.5411, 0.3292,
0.3384

26.5603, 0.5247,
0.3921

71.5466, 0.3127,
0.3290

23.6960, 0.5542,
0.3878

80.2979, 0.2986,
0.3203

■ 21.3369, 0.5784,
0.3789

■ 89.2239, 0.2915,
0.3212

■ 93.9513, 0.2917,
0.3289

Harmonies

Analogous

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



43.7919, 0.3897, 0.3351



43.7919, 0.3970, 0.3689



43.7919, 0.3801, 0.3956

Triad

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



43.7919, 0.3970, 0.3689



43.7919, 0.2655, 0.3567



43.7919, 0.2768, 0.2619

Complementary

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



43.7919, 0.3970, 0.3689



45.5803, 0.2509, 0.2846

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.



43.7919, 0.2474, 0.2631



43.7919, 0.3970, 0.3689



43.7919, 0.2412, 0.3150

Square

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



43.7919, 0.3970, 0.3689



43.7919, 0.3034, 0.3916



43.7919, 0.2349, 0.2813



43.7919, 0.3177, 0.2760

Rectangle

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



43.7919, 0.3970, 0.3689



43.7919, 0.3584, 0.4047



43.7919, 0.2349, 0.2813



43.7919, 0.2653, 0.2605

Sweetspot

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



43.7940, 0.3970, 0.3689



86.5914, 0.3330, 0.3404



35.3259, 0.3495, 0.2638



18.2410, 0.3355, 0.3417



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.



43.7940, 0.3970, 0.3689



55.0072, 0.4213, 0.3770



62.1052, 0.3772, 0.4162



13.8487, 0.3282, 0.3378



12.7234, 0.5757, 0.3811



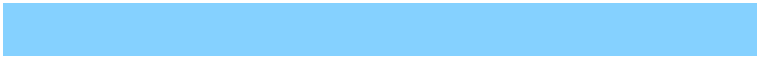
0.9868, 0.5450, 0.4055

Inverse Universe

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



45.5803, 0.2509, 0.2846



57.7937, 0.2388, 0.2734



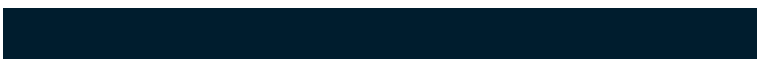
29.9283, 0.2414, 0.2233



13.9651, 0.2982, 0.3200



13.8185, 0.1894, 0.2017



1.0588, 0.1958, 0.2247

Previews

White Background



This preview shows how the Yxy color 43.7919, 0.3970, 0.3689 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 43.7919, 0.3970, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

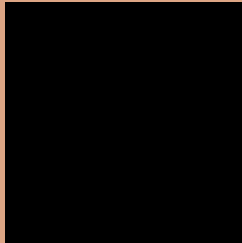
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7919, 0.3970, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 43.7919, 0.3970, 0.3689.



This preview shows how white text looks on a background with the Yxy color 43.7919, 0.3970, 0.3689.

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

43.7919, 0.3970, 0.3689

Protanopia

44.0692, 0.3576, 0.3822

Deuteranopia

43.9435, 0.3849, 0.3778



Tritanopia

43.9675, 0.3637, 0.3150

Trichromacy



Original Color

43.7919, 0.3970, 0.3689

Protanomaly

43.9158, 0.3713, 0.3780

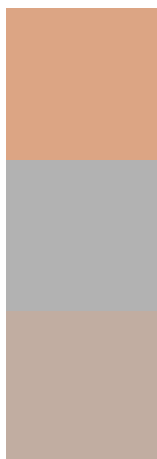
Deuteranomaly

43.7901, 0.3897, 0.3747

Tritanomaly

43.9630, 0.3769, 0.3351

Monochromacy



Original Color

43.7919, 0.3970, 0.3689

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7978, 0.3413, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7919, 0.3970, 0.3689 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(220, 165, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 165, 132) }
```

Border

The CSS property to change the border of an element to Yxy 43.7919, 0.3970, 0.3689 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, 132) }
```

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

```
.border{ border-color:rgb(220, 165, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 165, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 165, 132);  
box-shadow:4px 4px 4px 4px rgb(220, 165,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7919, 0.3970, 0.3689 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, 132) }
```

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

```
.background{ background-color: rgb(220,  
165, 132) }
```

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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