

Converting Colors

$Yxy(42.9986, 0.3978, 0.3580)$

Have a look what the booklet for
Yxy(42.9986, 0.3978, 0.3580)
contains.

Yxy(42.9839, 0.3970, 0.3578)	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(42.9839, 0.3970, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	DFA189
RGB	223, 161, 137
RGB Percent	87%, 63%, 54%
CMY	0.1255, 0.3686, 0.4627
CMYK	0.00, 0.28, 0.39, 0.13
HSL	17°, 57%, 71%
HSV	17°, 39%, 87%
XYZ	47.6931, 42.9839, 29.4568
YIQ	176.8020, 44.6560, 5.6800

Conversions

Conversions Part 2

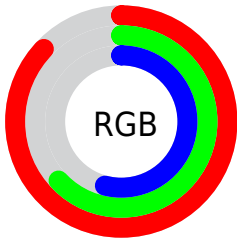
Format	Color
R _Y B	223, 170, 137
Decimal	14655881
CIE Lab	71.54, 19.98, 21.59
CIE LCh	72, 29.412, 47.218
Yxy	42.9839, 0.3970, 0.3578
Android (android.graphics.Color)	4292845961 (0xFFDFA189)
YUV	176.8020, -19.6224, 40.5156
Hunter-Lab	65.5621, 15.1161, 19.2547

Details

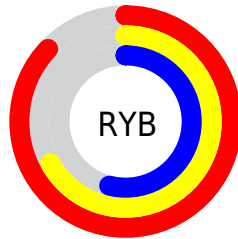
The Yxy color $42.9839, 0.3970, 0.3578$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $51.5029, 0.2547, 0.2977$, and the grayscale version is $43.9463, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.0894, 0.3606, 0.3558$, and $19.7324, 0.4223, 0.3636$ is the 20% darker color. If you saturate the color by 10%, you get $37.1471, 0.4286, 0.3650$, and if you desaturate by 10%, it is $49.6798, 0.3697, 0.3501$.

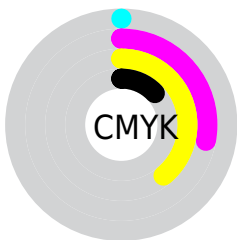
Distribution



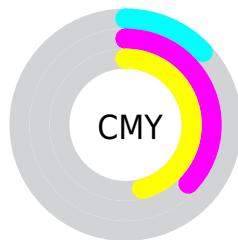
- Red (87%)
- Green (63%)
- Blue (54%)



- Red (87%)
- Yellow (67%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9839, 0.3970, 0.3578 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 42.9839, 0.3970, 0.3578 by changing the saturation by 10% instead.


 42.9839, 0.3970,
0.3578


 42.9839, 0.3970,
0.3578


358.5456, 0.3539,
0.3447

 29.8725, 0.4079,
0.3606


 79.6866, 0.3812,
0.3534

 19.7418, 0.4220,
0.3638


 104.0466, 0.3753,
0.3516

 12.2075, 0.4407,
0.3676


 132.9250, 0.3703,
0.3501

 6.8852, 0.4668,
0.3715

166.7061, 0.3661,
0.3487

 3.3904, 0.5047,
0.3745

205.7743, 0.3624,
0.3475

 1.3388, 0.6025,
0.3975

250.5140, 0.3592,

 0.1709, 0.7918,

0.3465

0.2082

301.3096, 0.3564,
0.3455

0.0000, 0.0000,
0.0000

42.9839, 0.3970,
0.3578

42.9839, 0.3970,
0.3578

37.1471, 0.4286,
0.3650

49.6798, 0.3697,
0.3501

32.1278, 0.4641,
0.3708

57.2621, 0.3464,
0.3424

27.8897, 0.5020,
0.3742

65.7643, 0.3269,
0.3350

24.3914, 0.5398,
0.3739

75.2164, 0.3105,
0.3280

21.5870, 0.5735,
0.3692

85.6470, 0.2968,
0.3216

■ 19.4216, 0.5998,
0.3605

■ 94.4283, 0.2935,
0.3289

■ 19.1558, 0.6032,
0.3592

Harmonies

Analogous

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



42.9839, 0.3815, 0.3236



42.9839, 0.3970, 0.3578



42.9839, 0.3879, 0.3877

Triad

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



42.9839, 0.3970, 0.3578



42.9839, 0.2773, 0.3699



42.9839, 0.2654, 0.2608

Complementary

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



42.9839, 0.3970, 0.3578



51.5029, 0.2547, 0.2977

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.



42.9839, 0.2414, 0.2676



42.9839, 0.3970, 0.3578



42.9839, 0.2477, 0.3287

Square

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



42.9839, 0.3970, 0.3578



42.9839, 0.3176, 0.3988



42.9839, 0.2352, 0.2913



42.9839, 0.3032, 0.2700

Rectangle

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



42.9839, 0.3970, 0.3578



42.9839, 0.3700, 0.4009



42.9839, 0.2352, 0.2913



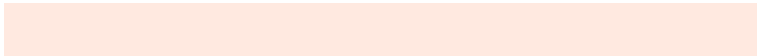
42.9839, 0.2556, 0.2612

Sweetspot

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



42.9860, 0.3970, 0.3578



84.9049, 0.3334, 0.3375



37.7587, 0.3390, 0.2570



17.8457, 0.3359, 0.3385



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.



42.9860, 0.3970, 0.3578



51.9934, 0.4213, 0.3635



60.1782, 0.3783, 0.4044



14.3198, 0.3285, 0.3356



11.4276, 0.6006, 0.3613



0.9406, 0.5701, 0.3855

Inverse Universe

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



51.5029, 0.2547, 0.2977



64.9893, 0.2442, 0.2902



34.7896, 0.2460, 0.2397



14.8921, 0.2982, 0.3223



18.2779, 0.1989, 0.2360



1.4154, 0.2034, 0.2520

Previews

White Background



This preview shows how the Yxy color 42.9839, 0.3970, 0.3578 looks on a white background.

Color Contrast Check

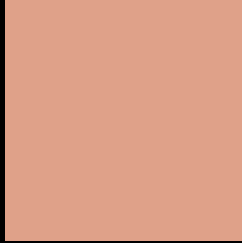
Large Text (above 18pt) WCAG AA × Fail

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 42.9839, 0.3970, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

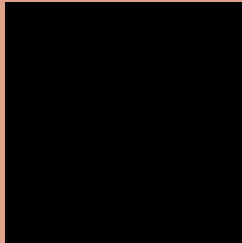
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9839, 0.3970, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 42.9839, 0.3970, 0.3578.



This preview shows how white text looks on a background with the Yxy color 42.9839, 0.3970, 0.3578.

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

42.9839, 0.3970, 0.3578

Protanopia

43.1127, 0.3492, 0.3707

Deuteranopia

42.9046, 0.3782, 0.3697



Tritanopia

43.1098, 0.3704, 0.3163

Trichromacy



Original Color

42.9839, 0.3970, 0.3578

Protanomaly

42.8147, 0.3660, 0.3667

Deuteranomaly

42.6849, 0.3854, 0.3652

Tritanomaly

42.8956, 0.3802, 0.3304

Monochromacy



Original Color

42.9839, 0.3970, 0.3578

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2038, 0.3418, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9839, 0.3970, 0.3578 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(223, 161, 137)` looks like.

```
.text, #text, p{  
    color:rgb(223, 161, 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(223, 161, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 161, 137) }
```

Border

The CSS property to change the border of an element to Yxy 42.9839, 0.3970, 0.3578 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(223, 161, 137) }
```

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

```
.border{ border-color:rgb(223, 161, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 161, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 161, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 161, 137);  
box-shadow:4px 4px 4px 4px rgb(223, 161,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9839, 0.3970, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 161, 137) }
```

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

```
.background{ background-color: rgb(223,  
161, 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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