

Converting Colors

$Yxy(40.4465, 0.3770, 0.3585)$

Have a look what the booklet for
Yxy(40.4465, 0.3770, 0.3585)
contains.

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Color

Yxy(40.6839, 0.3768, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	CDA28B
RGB	205, 162, 139
RGB Percent	80%, 64%, 55%
CMY	0.1962, 0.3646, 0.4550
CMYK	0.00, 0.21, 0.32, 0.20
HSL	21°, 40%, 67%
HSV	21°, 32%, 80%
XYZ	42.7487, 40.6839, 30.0194
YIQ	172.2350, 33.0110, 1.9630

Conversions

Conversions Part 2

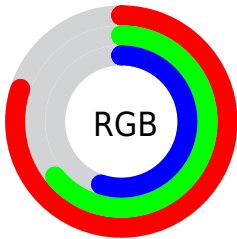
Format	Color
R _Y B	205, 174, 139
Decimal	13476491
CIE Lab	69.95, 12.60, 18.03
CIE LCh	70, 21.992, 55.054
Yxy	40.6839, 0.3768, 0.3586
Android (android.graphics.Color)	4291666571 (0xFFCDA28B)
YUV	172.2350, -16.3849, 28.7349
Hunter-Lab	63.7839, 8.0109, 16.7444

Details

The Yxy color $40.6839, 0.3768, 0.3586$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.3190, 0.2633, 0.2972$, and the grayscale version is $41.4515, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.7360, 0.3582, 0.3537$, and $18.3572, 0.3971, 0.3653$ is the 20% darker color. If you saturate the color by 10%, you get $35.6879, 0.4039, 0.3680$, and if you desaturate by 10%, it is $46.2946, 0.3533, 0.3490$.

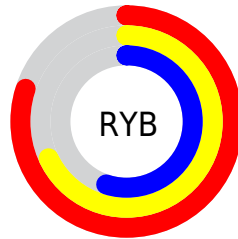
Distribution



Red (80%)

Green (64%)

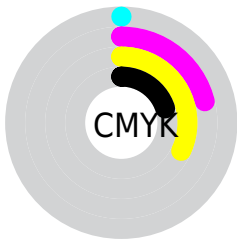
Blue (55%)



Red (80%)

Yellow (68%)

Blue (55%)

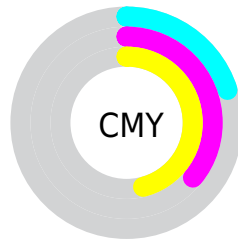


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (20%)



Cyan (20%)


Magenta (36%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6839, 0.3768, 0.3586 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 40.6839, 0.3768, 0.3586 by changing the saturation by 10% instead.


 40.6839, 0.3768,
0.3586


 40.6839, 0.3768,
0.3586


348.9977, 0.3438,
0.3443


 28.0722, 0.3853,
0.3620

 76.2038, 0.3646,
0.3535

 18.3801, 0.3963,
0.3661


 99.8808, 0.3601,
0.3516

 11.2232, 0.4112,
0.3714


 128.0150, 0.3563,
0.3499

 6.2172, 0.4323,
0.3780

160.9907, 0.3530,
0.3485

 2.9776, 0.4639,
0.3861

199.1925, 0.3503,
0.3472

 1.1200, 0.5669,
0.4331

243.0047, 0.3478,

 0.0000, 1.0000,

0.3461

0.0000

292.8116, 0.3457,
0.3451

0.0000, 0.0000,
0.0000

40.6839, 0.3768,
0.3586

40.6839, 0.3768,
0.3586

35.6879, 0.4039,
0.3680

46.2946, 0.3533,
0.3490

31.2792, 0.4345,
0.3766

52.5350, 0.3332,
0.3397

27.4364, 0.4679,
0.3834

59.4264, 0.3161,
0.3309

24.1347, 0.5026,
0.3871

66.9876, 0.3016,
0.3227

21.3471, 0.5362,
0.3865

75.2366, 0.2892,
0.3151

■ 19.0434, 0.5656,
0.3809

■ 83.7339, 0.2824,
0.3153

■ 17.5526, 0.5848,
0.3739

■ 91.7138, 0.2832,
0.3289

Harmonies

Analogous

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



40.6839, 0.3697, 0.3324



40.6839, 0.3768, 0.3586



40.6839, 0.3657, 0.3789

Triad

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



40.6839, 0.3768, 0.3586



40.6839, 0.2788, 0.3522



40.6839, 0.2834, 0.2767

Complementary

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



40.6839, 0.3768, 0.3586



43.3190, 0.2633, 0.2972

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.



40.6839, 0.2612, 0.2791



40.6839, 0.3768, 0.3586



40.6839, 0.2587, 0.3213

Square

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



40.6839, 0.3768, 0.3586



40.6839, 0.3085, 0.3770



40.6839, 0.2525, 0.2947



40.6839, 0.3143, 0.2868

Rectangle

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



40.6839, 0.3768, 0.3586



40.6839, 0.3500, 0.3858



40.6839, 0.2525, 0.2947



40.6839, 0.2747, 0.2761

Sweetspot

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



40.6858, 0.3768, 0.3586



88.3295, 0.3295, 0.3378



34.8523, 0.3380, 0.2743



18.5741, 0.3320, 0.3391



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.



40.6858, 0.3768, 0.3586



60.5909, 0.3962, 0.3655



53.4060, 0.3647, 0.3966



11.8437, 0.3281, 0.3371



11.0934, 0.5822, 0.3759



0.7139, 0.5443, 0.4060

Inverse Universe

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



43.3190, 0.2633, 0.2972



65.5743, 0.2524, 0.2887



31.7003, 0.2576, 0.2508



12.0420, 0.2983, 0.3207



13.4430, 0.1921, 0.2115



0.8323, 0.1992, 0.2371

Previews

White Background



This preview shows how the Yxy color 40.6839, 0.3768, 0.3586 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 40.6839, 0.3768, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

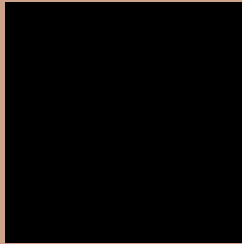
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6839, 0.3768, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 40.6839, 0.3768, 0.3586.



This preview shows how white text looks on a background with the Yxy color 40.6839, 0.3768, 0.3586.

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

40.6839, 0.3768, 0.3586

Protanopia

40.9327, 0.3464, 0.3676

Deuteranopia

40.5571, 0.3701, 0.3617



Tritanopia

40.7659, 0.3506, 0.3142

Trichromacy



Original Color

40.6839, 0.3768, 0.3586

Protanomaly

40.9054, 0.3569, 0.3639

Deuteranomaly

40.4760, 0.3724, 0.3603

Tritanomaly

40.5649, 0.3602, 0.3291

Monochromacy



Original Color

40.6839, 0.3768, 0.3586

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7337, 0.3347, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6839, 0.3768, 0.3586 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(205, 162, 139)` looks like.

```
.text, #text, p{  
    color:rgb(205, 162, 139)  
}
```

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(205, 162, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 162, 139) }
```

Border

The CSS property to change the border of an element to Yxy 40.6839, 0.3768, 0.3586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

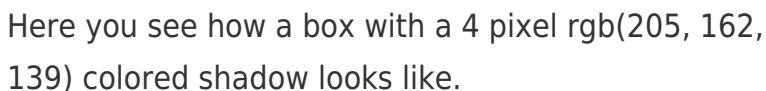
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 162, 139) }
```

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

```
.border{ border-color:rgb(205, 162, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 162, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 162, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 162, 139);  
box-shadow:4px 4px 4px 4px rgb(205, 162,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6839, 0.3768, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 162, 139) }
```

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

```
.background{ background-color: rgb(205,  
162, 139) }
```

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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