

Converting Colors

$Y_{xy}(40.7320, 0.3601, 0.3593)$

Have a look what the booklet for
Yxy(40.7320, 0.3601, 0.3593)
contains.

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Color

Yxy(40.7249, 0.3606, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	C2A68F
RGB	194, 166, 143
RGB Percent	76%, 65%, 56%
CMY	0.2393, 0.3490, 0.4393
CMYK	0.00, 0.14, 0.26, 0.24
HSL	27°, 29%, 66%
HSV	27°, 26%, 76%
XYZ	40.8382, 40.7249, 31.6875
YIQ	171.7500, 24.0710, -1.2170

Conversions

Conversions Part 2

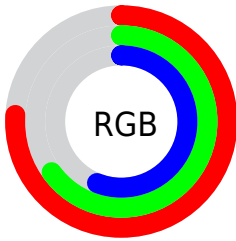
Format	Color
RYB	194, 185, 143
Decimal	12756623
CIELab	69.98, 6.68, 15.71
CIELCh	70, 17.069, 66.968
Yxy	40.7249, 0.3606, 0.3596
Android (android.graphics.Color)	4290946703 (0xFFC2A68F)
YUV	171.7500, -14.1737, 19.5133
Hunter-Lab	63.8161, 2.5503, 15.2311

Details

The Yxy color **40.7249, 0.3606, 0.3596** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8414, 0.2717, 0.2963**, and the grayscale version is **41.1854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2534, 0.3513, 0.3538**, and **18.4004, 0.3752, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **36.4790, 0.3837, 0.3718**, and if you desaturate by 10%, it is **45.3962, 0.3403, 0.3475**.

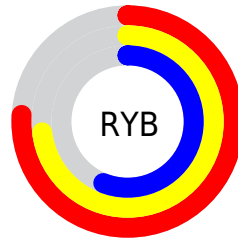
Distribution



Red (76%)

Green (65%)

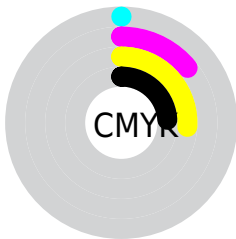
Blue (56%)



Red (76%)

Yellow (73%)

Blue (56%)

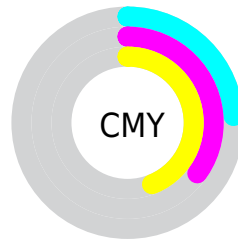


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7249, 0.3606, 0.3596 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 40.7249, 0.3606, 0.3596 by changing the saturation by 10% instead.


 40.7249, 0.3606,
0.3596

 40.7249, 0.3606,
0.3596


349.1695, 0.3360,
0.3443

 28.1042, 0.3669,
0.3634


 76.2661, 0.3515,
0.3541

 18.4042, 0.3752,
0.3682


 99.9554, 0.3481,
0.3520

 11.2406, 0.3863,
0.3744


128.1030, 0.3453,
0.3502

 6.2289, 0.4020,
0.3830

161.0933, 0.3429,
0.3487

 2.9848, 0.4260,
0.3949

199.3107, 0.3408,
0.3474

 1.1238, 0.5084,
0.4496

243.1396, 0.3390,

 0.0000, 1.0000,

0.3463

0.0000

292.9644, 0.3374,
0.3452

0.0000, 0.0000,
0.0000

40.7249, 0.3606,
0.3596

40.7249, 0.3606,
0.3596

36.4790, 0.3837,
0.3718

45.3962, 0.3403,
0.3475

32.6400, 0.4094,
0.3836

50.4997, 0.3226,
0.3359

29.1960, 0.4375,
0.3941

56.0489, 0.3073,
0.3251

26.1325, 0.4670,
0.4021

62.0551, 0.2940,
0.3150

23.4336, 0.4964,
0.4065

68.5291, 0.2826,
0.3057

■ 21.0819, 0.5238,
0.4059

■ 75.1964, 0.2750,
0.3017

■ 19.0573, 0.5473,
0.4000

■ 81.2948, 0.2760,
0.3134

■ 18.3798, 0.5554,
0.3972

■ 87.7609, 0.2770,
0.3248

■ 90.2073, 0.2773,
0.3289

Harmonies

Analogous

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



40.7249, 0.3606, 0.3405



40.7249, 0.3606, 0.3596



40.7249, 0.3473, 0.3716

Triad

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



40.7249, 0.3606, 0.3596



40.7249, 0.2789, 0.3377



40.7249, 0.2991, 0.2899

Complementary

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



40.7249, 0.3606, 0.3596



38.8414, 0.2717, 0.2963

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.



40.7249, 0.2783, 0.2879



40.7249, 0.3606, 0.3596



40.7249, 0.2671, 0.3144

Square

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



40.7249, 0.3606, 0.3596



40.7249, 0.2999, 0.3593



40.7249, 0.2668, 0.2965



40.7249, 0.3243, 0.3013

Rectangle

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



40.7249, 0.3606, 0.3596



40.7249, 0.3330, 0.3733



40.7249, 0.2668, 0.2965



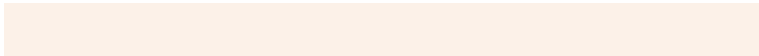
40.7249, 0.2914, 0.2881

Sweetspot

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



40.7268, 0.3606, 0.3596



89.7520, 0.3257, 0.3380



34.0486, 0.3383, 0.2922



19.3378, 0.3283, 0.3398



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.



40.7268, 0.3606, 0.3596



68.9268, 0.3746, 0.3672



50.9014, 0.3527, 0.3909



10.8101, 0.3278, 0.3394



12.2455, 0.5532, 0.3990



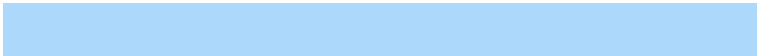
0.6666, 0.5159, 0.4286

Inverse Universe

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



38.8414, 0.2717, 0.2963



64.8877, 0.2618, 0.2872



30.1465, 0.2681, 0.2585



10.6431, 0.2984, 0.3183



9.5585, 0.1822, 0.1759



0.5492, 0.1926, 0.2133

Previews

White Background



This preview shows how the Yxy color 40.7249, 0.3606, 0.3596 looks on a white background.

Color Contrast Check

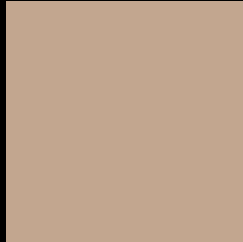
Large Text (above 18pt) WCAG AA × Fail

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 40.7249, 0.3606, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

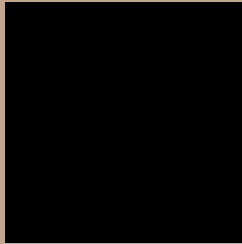
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7249, 0.3606, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 40.7249, 0.3606, 0.3596.



This preview shows how white text looks on a background with the Yxy color 40.7249, 0.3606, 0.3596.

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

40.7249, 0.3606, 0.3596

Protanopia

40.8735, 0.3437, 0.3649

Deuteranopia

40.8992, 0.3649, 0.3579



Tritanopia

40.9024, 0.3363, 0.3137

Trichromacy



Original Color

40.7249, 0.3606, 0.3596

Protanomaly

40.7038, 0.3499, 0.3631

Deuteranomaly

40.7638, 0.3639, 0.3580

Tritanomaly

40.7090, 0.3455, 0.3291

Monochromacy



Original Color

40.7249, 0.3606, 0.3596

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0260, 0.3297, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7249, 0.3606, 0.3596 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(194, 166, 143)` looks like.

```
.text, #text, p{  
    color:rgb(194, 166, 143)  
}
```

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(194, 166, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 166, 143) }
```

Border

The CSS property to change the border of an element to Yxy 40.7249, 0.3606, 0.3596 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(194, 166, 143) }
```

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

```
.border{ border-color:rgb(194, 166, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 166, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 166, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 166, 143);  
box-shadow:4px 4px 4px 4px rgb(194, 166,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7249, 0.3606, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 166, 143) }
```

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

```
.background{ background-color: rgb(194,  
166, 143) }
```

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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