

Converting Colors

$Y_{xy}(40.8129, 0.3893, 0.3500)$

Have a look what the booklet for
Yxy(40.8129, 0.3893, 0.3500)
contains.

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Color

Yxy(40.7591, 0.3899, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	D99D8C
RGB	217, 157, 140
RGB Percent	85%, 62%, 55%
CMY	0.1490, 0.3843, 0.4509
CMYK	0.00, 0.28, 0.35, 0.15
HSL	13°, 50%, 70%
HSV	13°, 35%, 85%
XYZ	45.4056, 40.7591, 30.2898
YIQ	173.0020, 41.2170, 7.4330

Conversions

Conversions Part 2

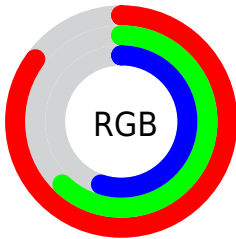
Format	Color
R _Y B	217, 162, 140
Decimal	14261644
CIE Lab	70.01, 20.15, 17.73
CIE LCh	70, 26.836, 41.347
Yxy	40.7591, 0.3899, 0.3500
Android (android.graphics.Color)	4292451724 (0xFFD99D8C)
YUV	173.0020, -16.2700, 38.5862
Hunter-Lab	63.8429, 15.2259, 16.5602

Details

The Yxy color **40.7591, 0.3899, 0.3500** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8960, 0.2600, 0.3067**, and the grayscale version is **41.8604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2420, 0.3586, 0.3476**, and **18.3149, 0.4131, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **34.8510, 0.4217, 0.3559**, and if you desaturate by 10%, it is **47.5892, 0.3629, 0.3438**.

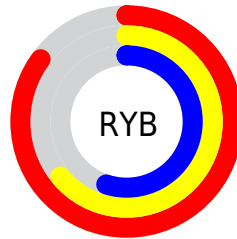
Distribution



Red (85%)

Green (62%)

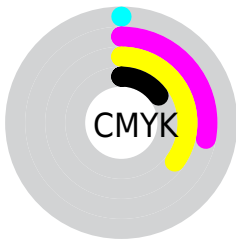
Blue (55%)



Red (85%)

Yellow (64%)

Blue (55%)

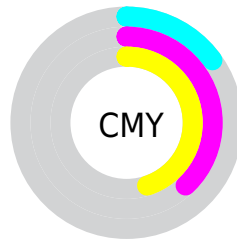


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7591, 0.3899, 0.3500 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 40.7591, 0.3899, 0.3500 by changing the saturation by 10% instead.


 40.7591, 0.3899,
0.3500


 40.7591, 0.3899,
0.3500


349.3128, 0.3501,
0.3405


 28.1309, 0.4002,
0.3520


 76.3181, 0.3752,
0.3468

 18.4244, 0.4135,
0.3543


 100.0176, 0.3697,
0.3455

 11.2551, 0.4315,
0.3570


 128.1764, 0.3651,
0.3444

 6.2387, 0.4570,
0.3597

161.1788, 0.3612,
0.3434

 2.9907, 0.4952,
0.3613

199.4093, 0.3579,
0.3425

 1.1269, 0.6095,
0.3905

243.2522, 0.3549,

 0.0008, 0.9985,

0.3418

0.0015

293.0919, 0.3524,
0.3411

0.0000, 0.0000,
0.0000

40.7591, 0.3899,
0.3500

40.7591, 0.3899,
0.3500

34.8510, 0.4217,
0.3559

47.5892, 0.3629,
0.3438

29.8194, 0.4580,
0.3608

55.3728, 0.3403,
0.3378

25.6233, 0.4979,
0.3638

64.1471, 0.3216,
0.3320

22.2162, 0.5385,
0.3640

73.9454, 0.3060,
0.3266

19.5469, 0.5757,
0.3605

84.7996, 0.2931,
0.3217

■ 17.5574, 0.6048,
0.3532

■ 93.4911, 0.2900,
0.3289

■ 16.8567, 0.6153,
0.3496

Harmonies

Analogous

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



40.7591, 0.3713, 0.3180



40.7591, 0.3899, 0.3500



40.7591, 0.3860, 0.3792

Triad

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



40.7591, 0.3899, 0.3500



40.7591, 0.2867, 0.3733



40.7591, 0.2631, 0.2653

Complementary

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



40.7591, 0.3899, 0.3500



51.8960, 0.2600, 0.3067

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.



40.7591, 0.2436, 0.2750



40.7591, 0.3899, 0.3500



40.7591, 0.2565, 0.3365

Square

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



40.7591, 0.3899, 0.3500



40.7591, 0.3252, 0.3963



40.7591, 0.2413, 0.3001



40.7591, 0.2964, 0.2711

Rectangle

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



40.7591, 0.3899, 0.3500



40.7591, 0.3717, 0.3931



40.7591, 0.2413, 0.3001



40.7591, 0.2549, 0.2668

Sweetspot

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



40.7610, 0.3899, 0.3500



85.1614, 0.3317, 0.3352



37.6961, 0.3325, 0.2587



17.8633, 0.3343, 0.3360



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.



40.7610, 0.3899, 0.3500



51.8977, 0.4146, 0.3547



55.7577, 0.3740, 0.3942



13.5153, 0.3286, 0.3342



10.3339, 0.6130, 0.3515



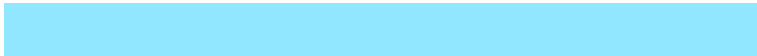
0.7985, 0.5813, 0.3767

Inverse Universe

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



51.8960, 0.2600, 0.3067



70.3093, 0.2495, 0.3008



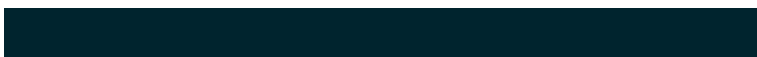
36.3653, 0.2527, 0.2537



14.3165, 0.2982, 0.3237



20.3952, 0.2046, 0.2566



1.4442, 0.2083, 0.2698

Previews

White Background



This preview shows how the Yxy color 40.7591, 0.3899, 0.3500 looks on a white background.

Color Contrast Check

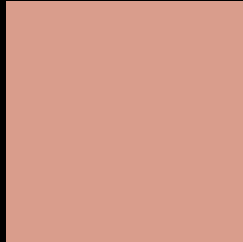
Large Text (above 18pt) WCAG AA × Fail

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 40.7591, 0.3899, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

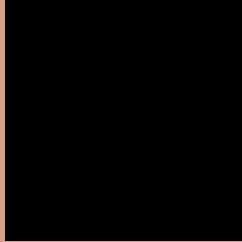
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7591, 0.3899, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 40.7591, 0.3899, 0.3500.



This preview shows how white text looks on a background with the Yxy color 40.7591, 0.3899, 0.3500.

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

40.7591, 0.3899, 0.3500

Protanopia

40.9357, 0.3419, 0.3621

Deuteranopia

40.9165, 0.3697, 0.3630



Tritanopia

40.5591, 0.3677, 0.3147

Trichromacy



Original Color

40.7591, 0.3899, 0.3500

Protanomaly

40.6235, 0.3587, 0.3583

Deuteranomaly

40.8266, 0.3778, 0.3584

Tritanomaly

40.4169, 0.3757, 0.3268

Monochromacy



Original Color

40.7591, 0.3899, 0.3500

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0295, 0.3388, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7591, 0.3899, 0.3500 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(217, 157, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 157, 140)  
}
```

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(217, 157, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 157, 140) }
```

Border

The CSS property to change the border of an element to Yxy 40.7591, 0.3899, 0.3500 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(217, 157, 140) }
```

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

```
.border{ border-color:rgb(217, 157, 140) }
```

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

Here you see how a box with a 4 pixel rgb(217, 157, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 157, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 157, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 157,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7591, 0.3899, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 157, 140) }
```

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

```
.background{ background-color: rgb(217,  
157, 140) }
```

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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