

Converting Colors

$Y_{xy}(40.6895, 0.3512, 0.3340)$

Have a look what the booklet for
Yxy(40.6895, 0.3512, 0.3340)
contains.

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Color

Yxy(40.8397, 0.3512, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	C7A39F
RGB	199, 163, 159
RGB Percent	78%, 64%, 62%
CMY	0.2197, 0.3607, 0.3765
CMYK	0.00, 0.18, 0.20, 0.22
HSL	6°, 26%, 70%
HSV	6°, 20%, 78%
XYZ	42.9043, 40.8397, 38.4208
YIQ	173.3080, 22.7400, 6.3880

Conversions

Conversions Part 2

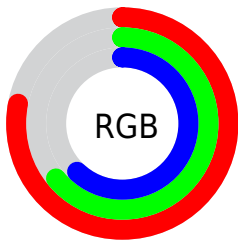
Format	Color
R_{YB}	199, 163, 159
Decimal	13083551
CIE _{Lab}	70.06, 12.59, 7.06
CIE _{LCh}	70, 14.431, 29.271
Yxy	40.8397, 0.3512, 0.3343
Android (android.graphics.Color)	4291273631 (0xFFC7A39F)
YUV	173.3080, -7.0538, 22.5319
Hunter-Lab	63.9059, 8.0034, 9.0885

Details

The Yxy color **40.8397, 0.3512, 0.3343** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5082, 0.2826, 0.3236**, and the grayscale version is **41.9827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2578, 0.3427, 0.3331**, and **18.4713, 0.3633, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **34.2918, 0.3771, 0.3371**, and if you desaturate by 10%, it is **48.4022, 0.3301, 0.3316**.

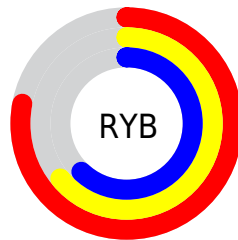
Distribution



Red (78%)

Green (64%)

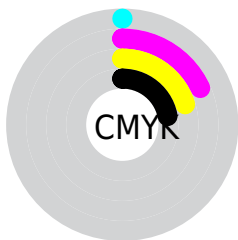
Blue (62%)



Red (78%)

Yellow (64%)

Blue (62%)

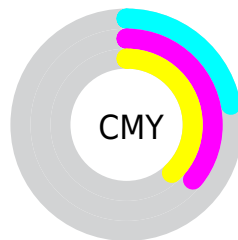


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8397, 0.3512, 0.3343 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 40.8397, 0.3512, 0.3343 by changing the saturation by 10% instead.


 40.8397, 0.3512,
0.3343

 40.8397, 0.3512,
0.3343


349.6502, 0.3314,
0.3319

 28.1938, 0.3563,
0.3348


 76.4405, 0.3439,
0.3335

 18.4718, 0.3630,
0.3355


 100.1642, 0.3412,
0.3331

 11.2893, 0.3722,
0.3362


128.3494, 0.3389,
0.3329

 6.2618, 0.3853,
0.3371

161.3803, 0.3369,
0.3326

 3.0049, 0.4057,
0.3379

199.6415, 0.3353,
0.3324

 1.1343, 0.4443,
0.3399

243.5173, 0.3338,

 0.0070, 0.9781,

0.3322

0.0219

293.3920, 0.3325,
0.3320

0.0000, 0.0000,
0.0000

40.8397, 0.3512,
0.3343

40.8397, 0.3512,
0.3343

34.2918, 0.3771,
0.3371

48.4022, 0.3301,
0.3316

28.7101, 0.4086,
0.3399

57.0141, 0.3129,
0.3290

24.0504, 0.4459,
0.3424

66.7154, 0.2989,
0.3267

20.2629, 0.4883,
0.3441

77.5423, 0.2874,
0.3246

17.2934, 0.5333,
0.3445

89.3026, 0.2798,
0.3263

■ 15.0811, 0.5761,
0.3431

■ 90.8795, 0.2800,
0.3289

■ 13.5569, 0.6105,
0.3398

■ 12.6392, 0.6325,
0.3359

Harmonies

Analogous

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



40.8397, 0.3374, 0.3166



40.8397, 0.3512, 0.3343



40.8397, 0.3543, 0.3513

Triad

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



40.8397, 0.3512, 0.3343



40.8397, 0.3073, 0.3581



40.8397, 0.2802, 0.2952

Complementary

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



40.8397, 0.3512, 0.3343



50.5082, 0.2826, 0.3236

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.



40.8397, 0.2728, 0.3049



40.8397, 0.3512, 0.3343



40.8397, 0.2881, 0.3415

Square

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



40.8397, 0.3512, 0.3343



40.8397, 0.3284, 0.3661



40.8397, 0.2757, 0.3217



40.8397, 0.2962, 0.2945

Rectangle

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



40.8397, 0.3512, 0.3343



40.8397, 0.3498, 0.3601



40.8397, 0.2757, 0.3217



40.8397, 0.2766, 0.2975

Sweetspot

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



40.8416, 0.3512, 0.3343



90.5841, 0.3227, 0.3305



40.8743, 0.3185, 0.2843



19.1783, 0.3239, 0.3307



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.



40.8416, 0.3512, 0.3343



66.4295, 0.3616, 0.3355



48.5045, 0.3464, 0.3595



10.8054, 0.3287, 0.3314



8.1899, 0.6312, 0.3370



0.4475, 0.6048, 0.3580

Inverse Universe

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



50.5082, 0.2826, 0.3236



86.3242, 0.2766, 0.3224



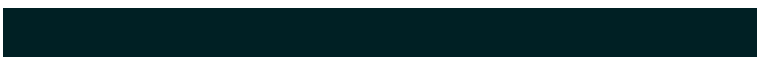
42.1498, 0.2809, 0.2965



11.8785, 0.2984, 0.3266



23.4604, 0.2160, 0.2975



1.1648, 0.2179, 0.3046

Previews

White Background



This preview shows how the Yxy color 40.8397, 0.3512, 0.3343 looks on a white background.

Color Contrast Check

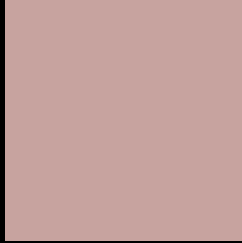
Large Text (above 18pt) WCAG AA × Fail

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 40.8397, 0.3512, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

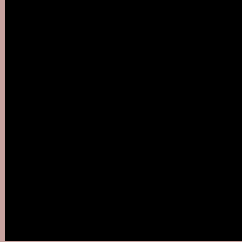
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8397, 0.3512, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 40.8397, 0.3512, 0.3343.



This preview shows how white text looks on a background with the Yxy color 40.8397, 0.3512, 0.3343.

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

40.8397, 0.3512, 0.3343

Protanopia

41.0003, 0.3241, 0.3400

Deuteranopia

40.7509, 0.3449, 0.3370



Tritanopia

40.9244, 0.3403, 0.3138

Trichromacy



Original Color

40.8397, 0.3512, 0.3343

Protanomaly

40.8042, 0.3329, 0.3371

Deuteranomaly

40.6562, 0.3471, 0.3356

Tritanomaly

40.9472, 0.3439, 0.3214

Monochromacy



Original Color

40.8397, 0.3512, 0.3343

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1482, 0.3256, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8397, 0.3512, 0.3343 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(199, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(199, 163, 159)  
}
```

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(199, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 163, 159) }
```

Border

The CSS property to change the border of an element to Yxy 40.8397, 0.3512, 0.3343 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(199, 163, 159) }
```

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

```
.border{ border-color:rgb(199, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(199, 163,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8397, 0.3512, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 163, 159) }
```

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

```
.background{ background-color: rgb(199,  
163, 159) }
```

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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