

Converting Colors

$Yxy(39.5253, 0.3702, 0.3566)$

Have a look what the booklet for
Yxy(39.5253, 0.3702, 0.3566)
contains.

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Color

Yxy(39.5253, 0.3702, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	C7A18C
RGB	199, 161, 140
RGB Percent	78%, 63%, 55%
CMY	0.2196, 0.3686, 0.4509
CMYK	0.00, 0.19, 0.30, 0.22
HSL	21°, 35%, 66%
HSV	21°, 30%, 78%
XYZ	41.0327, 39.5253, 30.2813
YIQ	169.9680, 29.3890, 1.5250

Conversions

Conversions Part 2

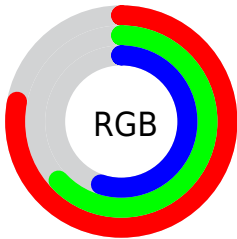
Format	Color
R _Y B	199, 173, 140
Decimal	13083020
CIE Lab	69.13, 10.95, 16.23
CIE LCh	69, 19.578, 55.987
Yxy	39.5253, 0.3702, 0.3566
Android (android.graphics.Color)	4291273100 (0xFFC7A18C)
YUV	169.9680, -14.7742, 25.4611
Hunter-Lab	62.8691, 6.4803, 15.4510

Details

The Yxy color **39.5253, 0.3702, 0.3566** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5450, 0.2671, 0.2995**, and the grayscale version is **40.2470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2668, 0.3577, 0.3517**, and **17.6048, 0.3880, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **34.7390, 0.3961, 0.3663**, and if you desaturate by 10%, it is **44.8808, 0.3478, 0.3469**.

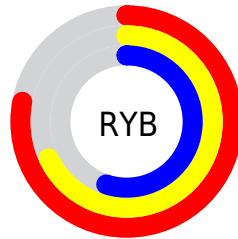
Distribution



Red (78%)

Green (63%)

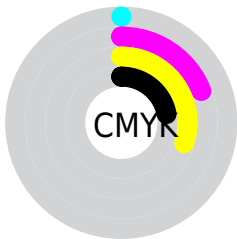
Blue (55%)



Red (78%)

Yellow (68%)

Blue (55%)

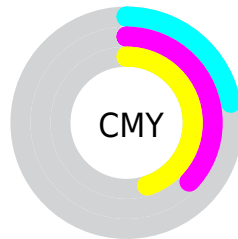


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5253, 0.3702, 0.3566 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 39.5253, 0.3702, 0.3566 by changing the saturation by 10% instead.


 39.5253, 0.3702,
0.3566


 39.5253, 0.3702,
0.3566


344.1187, 0.3405,
0.3431


 27.1686, 0.3779,
0.3599


 74.4401, 0.3592,
0.3518

 17.6999, 0.3880,
0.3639


 97.7670, 0.3551,
0.3499

 10.7347, 0.4016,
0.3691


 125.5195, 0.3517,
0.3483

 5.8888, 0.4211,
0.3759

158.0819, 0.3488,
0.3470

 2.7776, 0.4509,
0.3847

195.8386, 0.3463,
0.3458

 1.0167, 0.5593,
0.4407

239.1741, 0.3441,

 0.0000, 1.0000,

0.3448

0.0000

288.4726, 0.3422,
0.3439

■ 0.0000, 0.0000,
0.0000

■ 39.5253, 0.3702,
0.3566

■ 39.5253, 0.3702,
0.3566

■ 34.7390, 0.3961,
0.3663

■ 44.8808, 0.3478,
0.3469

■ 30.4968, 0.4256,
0.3753

■ 50.8185, 0.3285,
0.3375

■ 26.7800, 0.4580,
0.3828

■ 57.3578, 0.3122,
0.3287

■ 23.5664, 0.4922,
0.3876

■ 64.5155, 0.2983,
0.3205

■ 20.8318, 0.5260,
0.3884

■ 72.3077, 0.2864,
0.3130

■ 18.5499, 0.5565,
0.3843

■ 80.4625, 0.2786,
0.3107

■ 16.6852, 0.5818,
0.3759

■ 88.1911, 0.2797,
0.3244

■ 16.6254, 0.5827,
0.3755

■ 90.8825, 0.2800,
0.3289

Harmonies

Analogous

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



39.5253, 0.3643, 0.3330



39.5253, 0.3702, 0.3566



39.5253, 0.3599, 0.3744

Triad

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



39.5253, 0.3702, 0.3566



39.5253, 0.2815, 0.3490



39.5253, 0.2871, 0.2818

Complementary

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



39.5253, 0.3702, 0.3566



41.5450, 0.2671, 0.2995

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.



39.5253, 0.2667, 0.2838



39.5253, 0.3702, 0.3566



39.5253, 0.2636, 0.3214

Square

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



39.5253, 0.3702, 0.3566



39.5253, 0.3082, 0.3714



39.5253, 0.2584, 0.2977



39.5253, 0.3152, 0.2913

Rectangle

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



39.5253, 0.3702, 0.3566



39.5253, 0.3456, 0.3801



39.5253, 0.2584, 0.2977



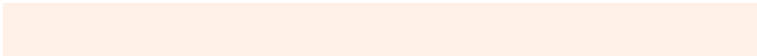
39.5253, 0.2792, 0.2812

Sweetspot

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



39.5271, 0.3702, 0.3566



89.5369, 0.3276, 0.3370



34.1306, 0.3365, 0.2801



18.8203, 0.3303, 0.3384



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.



39.5271, 0.3702, 0.3566



63.3314, 0.3877, 0.3633



50.9298, 0.3599, 0.3922



11.2443, 0.3281, 0.3373



10.8413, 0.5802, 0.3775



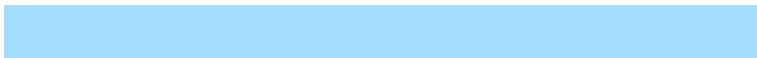
0.6500, 0.5400, 0.4094

Inverse Universe

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



41.5450, 0.2671, 0.2995



67.4473, 0.2568, 0.2915



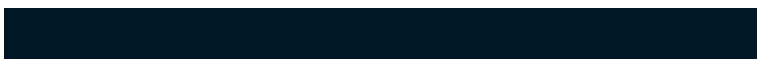
31.1507, 0.2624, 0.2567



11.4079, 0.2984, 0.3206



12.7802, 0.1915, 0.2093



0.7382, 0.1992, 0.2371

Previews

White Background



This preview shows how the Yxy color 39.5253, 0.3702, 0.3566 looks on a white background.

Color Contrast Check

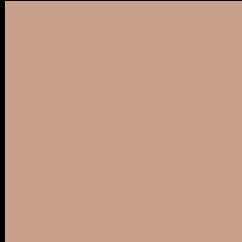
Large Text (above 18pt) WCAG AA × Fail

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 39.5253, 0.3702, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

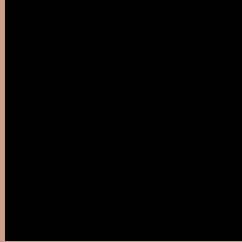
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5253, 0.3702, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 39.5253, 0.3702, 0.3566.



This preview shows how white text looks on a background with the Yxy color 39.5253, 0.3702, 0.3566.

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

39.5253, 0.3702, 0.3566

Protanopia

39.8545, 0.3431, 0.3639

Deuteranopia

39.3362, 0.3658, 0.3583



Tritanopia

39.5351, 0.3459, 0.3138

Trichromacy



Original Color

39.5253, 0.3702, 0.3566

Protanomaly

39.6947, 0.3527, 0.3604

Deuteranomaly

39.4699, 0.3668, 0.3582

Tritanomaly

39.3398, 0.3554, 0.3291

Monochromacy



Original Color

39.5253, 0.3702, 0.3566

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9644, 0.3329, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5253, 0.3702, 0.3566 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, 161, 140)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 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(199, 161, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 140) }
```

Border

The CSS property to change the border of an element to Yxy 39.5253, 0.3702, 0.3566 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, 161, 140) }
```

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

```
.border{ border-color:rgb(199, 161, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 140);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5253, 0.3702, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 140) }
```

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

```
.background{ background-color: rgb(199,  
161, 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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