

Converting Colors

$Yxy(39.4706, 0.3961, 0.3742)$

Have a look what the booklet for
Yxy(39.4706, 0.3961, 0.3742)
contains.

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Color

Yxy(39.4917, 0.3958, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	CF9F7B
RGB	207, 159, 123
RGB Percent	81%, 62%, 48%
CMY	0.1883, 0.3764, 0.5175
CMYK	0.00, 0.23, 0.41, 0.19
HSL	26°, 47%, 65%
HSV	26°, 41%, 81%
XYZ	41.7044, 39.4917, 24.1713
YIQ	169.2480, 40.1640, -1.0200

Conversions

Conversions Part 2

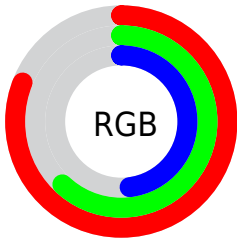
Format	Color
R_{YB}	207, 186, 123
Decimal	13606779
CIE _{Lab}	69.11, 13.11, 25.63
CIE _{LCh}	69, 28.791, 62.920
Yxy	39.4917, 0.3958, 0.3748
Android (android.graphics.Color)	4291796859 (0xFFCF9F7B)
YUV	169.2480, -22.8003, 33.1085
Hunter-Lab	62.8424, 8.4846, 21.1848

Details

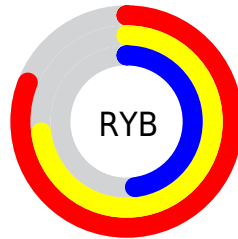
The Yxy color **39.4917, 0.3958, 0.3748** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.8456, 0.2493, 0.2775**, and the grayscale version is **39.9071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4877, 0.3715, 0.3683**, and **17.7988, 0.4204, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **35.1530, 0.4235, 0.3856**, and if you desaturate by 10%, it is **44.3331, 0.3709, 0.3632**.

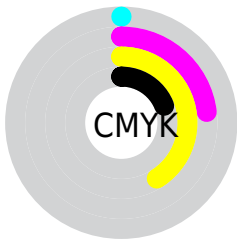
Distribution



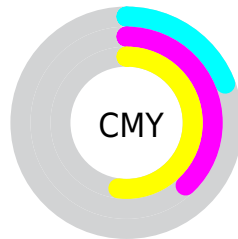
- Red (81%)
- Green (62%)
- Blue (48%)



- Red (81%)
- Yellow (73%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (19%)





- Cyan (19%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4917, 0.3958, 0.3748 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 39.4917, 0.3958, 0.3748 by changing the saturation by 10% instead.


 39.4917, 0.3958,
0.3748

 39.4917, 0.3958,
0.3748


343.9765, 0.3530,
0.3527

 27.1425, 0.4067,
0.3799


 74.3889, 0.3800,
0.3671

 17.6802, 0.4208,
0.3861


 97.7056, 0.3742,
0.3641

 10.7207, 0.4395,
0.3936


 125.4469, 0.3692,
0.3615

 5.8793, 0.4654,
0.4026

157.9972, 0.3650,
0.3593

 2.7718, 0.5073,
0.4160

195.7410, 0.3614,
0.3573

 1.0138, 0.5725,
0.4275

239.0625, 0.3582,

 0.0000, 1.0000,

0.3556

0.0000

288.3462, 0.3555,
0.3541

0.0000, 0.0000,
0.0000

39.4917, 0.3958,
0.3748

39.4917, 0.3958,
0.3748

35.1530, 0.4235,
0.3856

44.3331, 0.3709,
0.3632

31.2935, 0.4534,
0.3946

49.6884, 0.3490,
0.3516

27.8960, 0.4843,
0.4007

55.5753, 0.3300,
0.3403

24.9396, 0.5143,
0.4024

62.0091, 0.3136,
0.3296

22.4013, 0.5412,
0.3989

69.0042, 0.2994,
0.3196

■ 20.3596, 0.5628,
0.3914

■ 76.5745, 0.2872,
0.3105

■ 83.8733, 0.2836,
0.3151

■ 91.1364, 0.2843,
0.3275

■ 92.0039, 0.2844,
0.3289

Harmonies

Analogous

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



39.4917, 0.3932, 0.3416



39.4917, 0.3958, 0.3748



39.4917, 0.3749, 0.3992

Triad

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



39.4917, 0.3958, 0.3748



39.4917, 0.2596, 0.3489



39.4917, 0.2837, 0.2633

Complementary

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



39.4917, 0.3958, 0.3748



37.8456, 0.2493, 0.2775

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.



39.4917, 0.2515, 0.2615



39.4917, 0.3958, 0.3748



39.4917, 0.2384, 0.3077

Square

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



39.4917, 0.3958, 0.3748



39.4917, 0.2956, 0.3865



39.4917, 0.2356, 0.2765



39.4917, 0.3259, 0.2800

Rectangle

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



39.4917, 0.3958, 0.3748



39.4917, 0.3513, 0.4057



39.4917, 0.2356, 0.2765



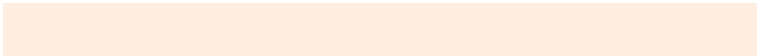
39.4917, 0.2714, 0.2609

Sweetspot

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



39.4936, 0.3958, 0.3748



87.5298, 0.3328, 0.3420



30.4148, 0.3549, 0.2681



18.4612, 0.3353, 0.3435



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.



39.4936, 0.3958, 0.3748



56.9869, 0.4207, 0.3846



55.9996, 0.3760, 0.4214



12.6294, 0.3280, 0.3390



13.0087, 0.5604, 0.3932



0.8834, 0.5283, 0.4187

Inverse Universe

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



37.8456, 0.2493, 0.2775



53.9545, 0.2358, 0.2636



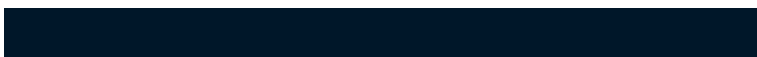
24.6885, 0.2396, 0.2157



12.5231, 0.2983, 0.3188



11.2361, 0.1843, 0.1833



0.7841, 0.1924, 0.2127

Previews

White Background



This preview shows how the Yxy color 39.4917, 0.3958, 0.3748 looks on a white background.

Color Contrast Check

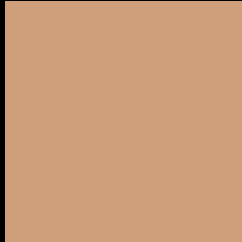
Large Text (above 18pt) WCAG AA × Fail

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 39.4917, 0.3958, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

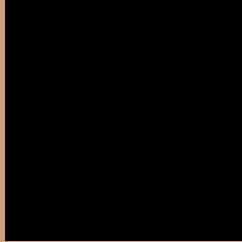
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4917, 0.3958, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 39.4917, 0.3958, 0.3748.



This preview shows how white text looks on a background with the Yxy color 39.4917, 0.3958, 0.3748.

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

39.4917, 0.3958, 0.3748

Protanopia

39.7320, 0.3614, 0.3872

Deuteranopia

39.5252, 0.3882, 0.3812



Tritanopia

39.3480, 0.3598, 0.3142

Trichromacy



Original Color

39.4917, 0.3958, 0.3748

Protanomaly

39.3638, 0.3729, 0.3817

Deuteranomaly

39.5914, 0.3917, 0.3793

Tritanomaly

39.3463, 0.3735, 0.3355

Monochromacy



Original Color

39.4917, 0.3958, 0.3748

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2445, 0.3416, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4917, 0.3958, 0.3748 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(207, 159, 123)` looks like.

```
.text, #text, p{  
    color:rgb(207, 159, 123)  
}
```

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(207, 159, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 159, 123) }
```

Border

The CSS property to change the border of an element to Yxy 39.4917, 0.3958, 0.3748 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(207, 159, 123) }
```

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

```
.border{ border-color:rgb(207, 159, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 159, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 159, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 159, 123);  
box-shadow:4px 4px 4px 4px rgb(207, 159,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4917, 0.3958, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 159, 123) }
```

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

```
.background{ background-color: rgb(207,  
159, 123) }
```

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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