

Converting Colors

$Yxy(38.7628, 0.3803, 0.3509)$

Have a look what the booklet for
Yxy(38.7628, 0.3803, 0.3509)
contains.

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Color

Yxy(38.7628, 0.3803, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	CE9C8B
RGB	206, 156, 139
RGB Percent	81%, 61%, 55%
CMY	0.1920, 0.3883, 0.4549
CMYK	0.00, 0.24, 0.33, 0.19
HSL	15°, 41%, 68%
HSV	15°, 33%, 81%
XYZ	42.0105, 38.7628, 29.6935
YIQ	169.0120, 35.2570, 5.3130

Conversions

Conversions Part 2

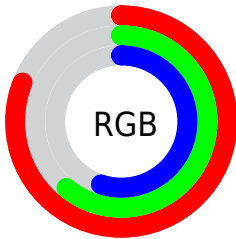
Format	Color
R _Y B	206, 162, 139
Decimal	13540491
CIE Lab	68.58, 16.30, 16.13
CIE LCh	69, 22.934, 44.689
Yxy	38.7628, 0.3803, 0.3509
Android (android.graphics.Color)	4291730571 (0xFFCE9C8B)
YUV	169.0120, -14.7959, 32.4385
Hunter-Lab	62.2598, 11.4904, 15.3047

Details

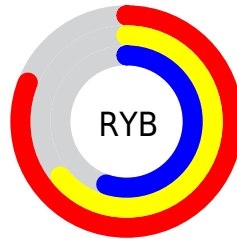
The Yxy color **38.7628, 0.3803, 0.3509** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3651, 0.2638, 0.3058**, and the grayscale version is **39.7459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6988, 0.3596, 0.3476**, and **17.3084, 0.4006, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **33.3785, 0.4097, 0.3578**, and if you desaturate by 10%, it is **44.9181, 0.3553, 0.3439**.

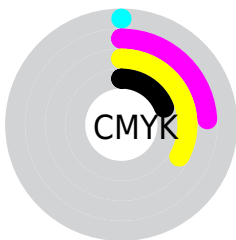
Distribution



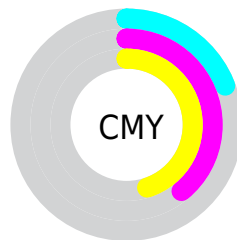
- Red (81%)
- Green (61%)
- Blue (55%)



- Red (81%)
- Yellow (64%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (19%)





- Cyan (19%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7628, 0.3803, 0.3509 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 38.7628, 0.3803, 0.3509 by changing the saturation by 10% instead.

 38.7628, 0.3803,
0.3509


 38.7628, 0.3803,
0.3509


340.8810, 0.3452,
0.3405

 26.5753, 0.3895,
0.3532


 73.2758, 0.3672,
0.3473

 17.2545, 0.4015,
0.3561


 96.3701, 0.3624,
0.3459

 10.4161, 0.4178,
0.3595


 123.8687, 0.3584,
0.3447

 5.6757, 0.4412,
0.3635

156.1561, 0.3549,
0.3436

 2.6489, 0.4770,
0.3676

193.6166, 0.3520,
0.3427

 0.9513, 0.5935,
0.4065

236.6346, 0.3494,

 0.0000, 1.0000,

0.3419

0.0000

285.5946, 0.3472,
0.3412

0.0000, 0.0000,
0.0000

38.7628, 0.3803,
0.3509

38.7628, 0.3803,
0.3509

33.3785, 0.4097,
0.3578

44.9181, 0.3553,
0.3439

28.7290, 0.4436,
0.3639

51.8678, 0.3343,
0.3370

24.7832, 0.4811,
0.3683

59.6413, 0.3167,
0.3306

21.5056, 0.5203,
0.3700

68.2646, 0.3020,
0.3246

18.8573, 0.5578,
0.3680

77.7627, 0.2898,
0.3191

■ 16.7951, 0.5895,
0.3617

■ 87.6586, 0.2834,
0.3219

■ 15.6024, 0.6081,
0.3553

■ 91.8676, 0.2838,
0.3289

Harmonies

Analogous

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



38.7628, 0.3662, 0.3227



38.7628, 0.3803, 0.3509



38.7628, 0.3750, 0.3755

Triad

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



38.7628, 0.3803, 0.3509



38.7628, 0.2868, 0.3641



38.7628, 0.2722, 0.2731

Complementary

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



38.7628, 0.3803, 0.3509



46.3651, 0.2638, 0.3058

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.



38.7628, 0.2534, 0.2803



38.7628, 0.3803, 0.3509



38.7628, 0.2614, 0.3320

Square

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



38.7628, 0.3803, 0.3509



38.7628, 0.3201, 0.3857



38.7628, 0.2496, 0.3012



38.7628, 0.3024, 0.2794

Rectangle

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



38.7628, 0.3803, 0.3509



38.7628, 0.3615, 0.3863



38.7628, 0.2496, 0.3012



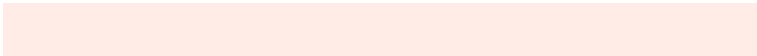
38.7628, 0.2644, 0.2739

Sweetspot

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



38.7646, 0.3803, 0.3509



86.9139, 0.3297, 0.3354



35.2792, 0.3327, 0.2673



18.2334, 0.3324, 0.3364



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.



38.7646, 0.3803, 0.3509



56.5914, 0.4003, 0.3557



51.5077, 0.3673, 0.3911



11.6680, 0.3284, 0.3349



9.7360, 0.6056, 0.3573



0.6272, 0.5662, 0.3886

Inverse Universe

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



46.3651, 0.2638, 0.3058



70.7253, 0.2542, 0.3000



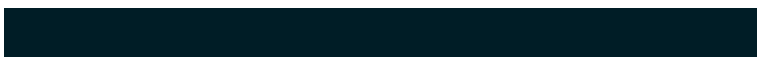
33.6438, 0.2579, 0.2580



12.2269, 0.2983, 0.3230



17.0966, 0.2015, 0.2455



0.9988, 0.2066, 0.2637

Previews

White Background



This preview shows how the Yxy color 38.7628, 0.3803, 0.3509 looks on a white background.

Color Contrast Check

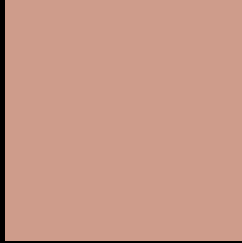
Large Text (above 18pt) WCAG AA × Fail

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 38.7628, 0.3803, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

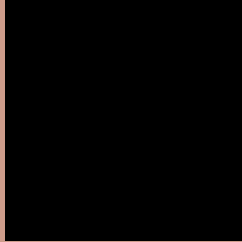
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7628, 0.3803, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 38.7628, 0.3803, 0.3509.



This preview shows how white text looks on a background with the Yxy color 38.7628, 0.3803, 0.3509.

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

38.7628, 0.3803, 0.3509

Protanopia

38.8812, 0.3416, 0.3614

Deuteranopia

38.7941, 0.3671, 0.3598



Tritanopia

38.6921, 0.3590, 0.3141

Trichromacy



Original Color

38.7628, 0.3803, 0.3509

Protanomaly

38.7122, 0.3555, 0.3577

Deuteranomaly

38.6370, 0.3719, 0.3568

Tritanomaly

38.5589, 0.3670, 0.3266

Monochromacy



Original Color

38.7628, 0.3803, 0.3509

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.9646, 0.3353, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7628, 0.3803, 0.3509 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(206, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(206, 156, 139)  
}
```

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(206, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 156, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.7628, 0.3803, 0.3509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

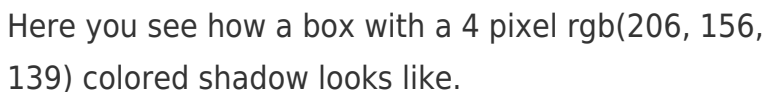
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 156, 139) }
```

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

```
.border{ border-color:rgb(206, 156, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 156, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 156, 139); box-shadow:4px 4px 4px 4px rgb(206, 156, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7628, 0.3803, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 156, 139) }
```

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

```
.background{ background-color: rgb(206,  
156, 139) }
```

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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