

Converting Colors

$Yxy(37.6749, 0.3849, 0.3502)$

Have a look what the booklet for
Yxy(37.6749, 0.3849, 0.3502)
contains.

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Color

Yxy(37.8254, 0.3856, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	CF9988
RGB	207, 153, 136
RGB Percent	81%, 60%, 53%
CMY	0.1883, 0.4000, 0.4666
CMYK	0.00, 0.26, 0.34, 0.19
HSL	14°, 43%, 67%
HSV	14°, 34%, 81%
XYZ	41.5659, 37.8254, 28.4041
YIQ	167.2080, 37.6410, 6.1610

Conversions

Conversions Part 2

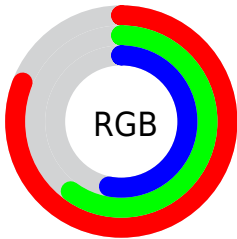
Format	Color
RYB	207, 158, 136
Decimal	13605256
CIELab	67.89, 17.92, 16.85
CIELCh	68, 24.596, 43.237
Yxy	37.8254, 0.3856, 0.3509
Android (android.graphics.Color)	4291795336 (0xFFCF9988)
YUV	167.2080, -15.3855, 34.8976
Hunter-Lab	61.5024, 13.0087, 15.6693

Details

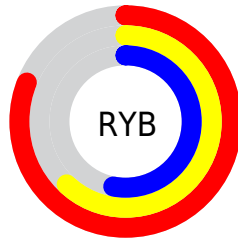
The Yxy color **37.8254, 0.3856, 0.3509** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5614, 0.2615, 0.3057**, and the grayscale version is **38.8138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0459, 0.3634, 0.3488**, and **16.7539, 0.4086, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **32.4765, 0.4162, 0.3573**, and if you desaturate by 10%, it is **43.9713, 0.3596, 0.3442**.

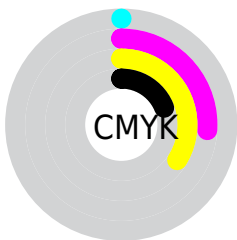
Distribution



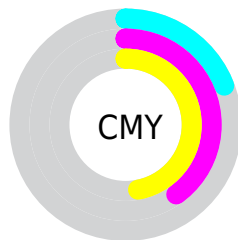
- Red (81%)
- Green (60%)
- Blue (53%)



- Red (81%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8254, 0.3856, 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 37.8254, 0.3856, 0.3509 by changing the saturation by 10% instead.


 37.8254, 0.3856,
0.3509


 37.8254, 0.3856,
0.3509


336.8704, 0.3475,
0.3406


 25.8472, 0.3956,
0.3532


 71.8404, 0.3714,
0.3474

 16.7094, 0.4087,
0.3559

 94.6461, 0.3662,
0.3460

 10.0275, 0.4265,
0.3590


 121.8297, 0.3618,
0.3448

 5.4172, 0.4520,
0.3625

153.7756, 0.3581,
0.3437

 2.4941, 0.4913,
0.3653

190.8682, 0.3549,
0.3428

 0.8737, 0.6060,
0.3940

233.4919, 0.3521,


 0.0000, 1.0000,


0.3420

0.0000


282.0312, 0.3497,
0.3413

 0.0000, 0.0000,
0.0000

 37.8254, 0.3856,
0.3509

 37.8254, 0.3856,
0.3509

 32.4765, 0.4162,
0.3573


 43.9713, 0.3596,
0.3442


 27.8863, 0.4512,
0.3629


 50.9399, 0.3378,
0.3377


 24.0212, 0.4898,
0.3666

 58.7623, 0.3196,
0.3315

 20.8429, 0.5296,
0.3675

 67.4663, 0.3044,
0.3258

 18.3094, 0.5669,
0.3646

 77.0784, 0.2918,
0.3205

■ 16.3734, 0.5972,
0.3577

■ 87.2847, 0.2839,
0.3211

■ 15.5098, 0.6111,
0.3530

■ 92.0043, 0.2844,
0.3289

Harmonies

Analogous

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



37.8254, 0.3694, 0.3207



37.8254, 0.3856, 0.3509



37.8254, 0.3807, 0.3779

Triad

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



37.8254, 0.3856, 0.3509



37.8254, 0.2863, 0.3686



37.8254, 0.2677, 0.2688

Complementary

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



37.8254, 0.3856, 0.3509



46.5614, 0.2615, 0.3057

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.



37.8254, 0.2483, 0.2772



37.8254, 0.3856, 0.3509



37.8254, 0.2584, 0.3339

Square

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



37.8254, 0.3856, 0.3509



37.8254, 0.3223, 0.3912



37.8254, 0.2450, 0.3002



37.8254, 0.2997, 0.2751

Rectangle

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



37.8254, 0.3856, 0.3509



37.8254, 0.3666, 0.3902



37.8254, 0.2450, 0.3002



37.8254, 0.2595, 0.2700

Sweetspot

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



37.8272, 0.3856, 0.3509



86.7105, 0.3298, 0.3351



34.6104, 0.3329, 0.2626



18.1845, 0.3324, 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.



37.8272, 0.3856, 0.3509



54.3286, 0.4071, 0.3556



51.0351, 0.3711, 0.3931



12.2615, 0.3285, 0.3346



9.8965, 0.6088, 0.3548



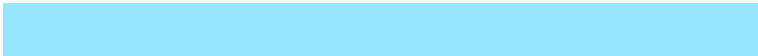
0.6795, 0.5721, 0.3839

Inverse Universe

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



46.5614, 0.2615, 0.3057



70.3167, 0.2517, 0.3000



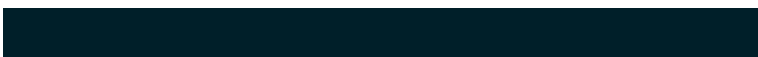
33.1602, 0.2549, 0.2551



12.9071, 0.2983, 0.3233



18.2734, 0.2029, 0.2502



1.1401, 0.2073, 0.2664

Previews

White Background



This preview shows how the Yxy color 37.8254, 0.3856, 0.3509 looks on a white background.

Color Contrast Check

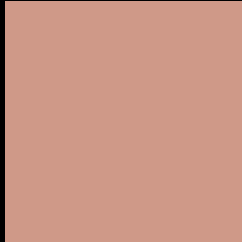
Large Text (above 18pt) WCAG AA × Fail

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 37.8254, 0.3856, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

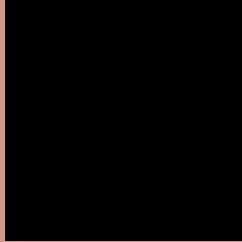
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8254, 0.3856, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 37.8254, 0.3856, 0.3509.



This preview shows how white text looks on a background with the Yxy color 37.8254, 0.3856, 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

37.8254, 0.3856, 0.3509

Protanopia

37.8619, 0.3420, 0.3617

Deuteranopia

37.7520, 0.3687, 0.3615



Tritanopia

37.6234, 0.3629, 0.3141

Trichromacy



Original Color

37.8254, 0.3856, 0.3509

Protanomaly

37.8223, 0.3570, 0.3579

Deuteranomaly

37.7335, 0.3746, 0.3583

Tritanomaly

37.4896, 0.3710, 0.3266

Monochromacy



Original Color

37.8254, 0.3856, 0.3509

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1860, 0.3375, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8254, 0.3856, 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(207, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(207, 153, 136)  
}
```

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, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 153, 136) }
```

Border

The CSS property to change the border of an element to Yxy 37.8254, 0.3856, 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(207, 153, 136) }
```

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

```
.border{ border-color:rgb(207, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 153,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8254, 0.3856, 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(207, 153, 136) }
```

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

```
.background{ background-color: rgb(207,  
153, 136) }
```

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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