

Converting Colors

Yxy(38.4441, 0.3799, 0.3553)

Have a look what the booklet for
Yxy(38.4441, 0.3799, 0.3553)
contains.

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Color

Yxy(38.2510, 0.3802, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	CB9C88
RGB	203, 156, 136
RGB Percent	80%, 61%, 53%
CMY	0.2040, 0.3882, 0.4667
CMYK	0.00, 0.23, 0.33, 0.20
HSL	18°, 39%, 66%
HSV	18°, 33%, 80%
XYZ	40.9547, 38.2510, 28.5132
YIQ	167.7730, 34.4320, 3.7440

Conversions

Conversions Part 2

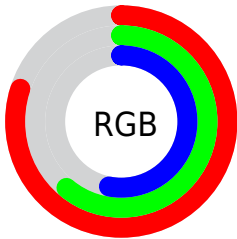
Format	Color
RYB	203, 165, 136
Decimal	13343880
CIELab	68.21, 14.70, 17.23
CIELCh	68, 22.645, 49.526
Yxy	38.2510, 0.3802, 0.3551
Android (android.graphics.Color)	4291533960 (0xFFCB9C88)
YUV	167.7730, -15.6641, 30.8941
Hunter-Lab	61.8474, 9.9680, 15.9590

Details

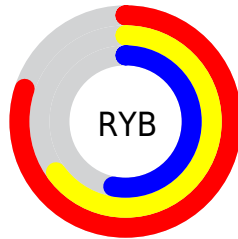
The Yxy color **38.2510, 0.3802, 0.3551** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3883, 0.2627, 0.3011**, and the grayscale version is **39.1062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5227, 0.3626, 0.3518**, and **17.0709, 0.4021, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **33.2298, 0.4087, 0.3632**, and if you desaturate by 10%, it is **43.9445, 0.3557, 0.3468**.

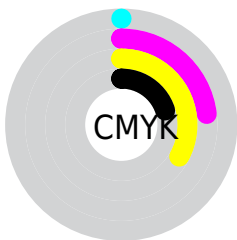
Distribution



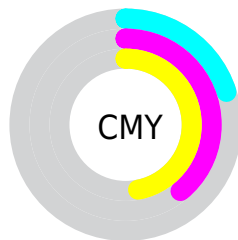
- Red (80%)
- Green (61%)
- Blue (53%)



- Red (80%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2510, 0.3802, 0.3551 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 38.2510, 0.3802, 0.3551 by changing the saturation by 10% instead.


 38.2510, 0.3802,
0.3551


 38.2510, 0.3802,
0.3551


338.6955, 0.3451,
0.3425


 26.1776, 0.3894,
0.3580


 72.4927, 0.3671,
0.3507

 16.9565, 0.4014,
0.3616


 95.4297, 0.3623,
0.3490

 10.2035, 0.4177,
0.3660


 122.7568, 0.3583,
0.3475

 5.5341, 0.4411,
0.3714

154.8582, 0.3548,
0.3463

 2.5639, 0.4769,
0.3773

192.1183, 0.3519,
0.3451

 0.9086, 0.5853,
0.4147

234.9217, 0.3493,


 0.0000, 1.0000,


0.3442


0.0000


283.6526, 0.3471,
0.3433


 0.0000, 0.0000,
0.0000

 38.2510, 0.3802,
0.3551

 38.2510, 0.3802,
0.3551


 33.2298, 0.4087,
0.3632


 43.9445, 0.3557,
0.3468

 28.8501, 0.4412,
0.3704


 50.3289, 0.3349,
0.3388

 25.0865, 0.4769,
0.3758

 57.4288, 0.3174,
0.3312

 21.9099, 0.5140,
0.3782

 65.2658, 0.3027,
0.3241

 19.2884, 0.5495,
0.3765

 73.8607, 0.2902,
0.3176

■ 17.1866, 0.5799,
0.3701

■ 83.0535, 0.2812,
0.3146

■ 15.9968, 0.5975,
0.3638

■ 91.4326, 0.2821,
0.3289

Harmonies

Analogous

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



38.2510, 0.3692, 0.3273



38.2510, 0.3802, 0.3551



38.2510, 0.3719, 0.3782

Triad

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



38.2510, 0.3802, 0.3551



38.2510, 0.2823, 0.3591



38.2510, 0.2767, 0.2737

Complementary

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



38.2510, 0.3802, 0.3551



43.3883, 0.2627, 0.3011

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.



38.2510, 0.2559, 0.2786



38.2510, 0.3802, 0.3551



38.2510, 0.2589, 0.3267

Square

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



38.2510, 0.3802, 0.3551



38.2510, 0.3145, 0.3829



38.2510, 0.2496, 0.2973



38.2510, 0.3080, 0.2820

Rectangle

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



38.2510, 0.3802, 0.3551



38.2510, 0.3570, 0.3874



38.2510, 0.2496, 0.2973



38.2510, 0.2683, 0.2738

Sweetspot

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



38.2528, 0.3802, 0.3551



87.5855, 0.3296, 0.3366



33.7587, 0.3353, 0.2690



18.3949, 0.3322, 0.3377



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.



38.2528, 0.3802, 0.3551



57.6324, 0.4013, 0.3612



50.6330, 0.3673, 0.3945



11.7514, 0.3283, 0.3360



10.3236, 0.5950, 0.3657



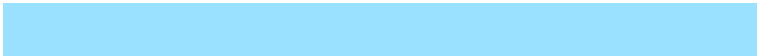
0.6663, 0.5559, 0.3968

Inverse Universe

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



43.3883, 0.2627, 0.3011



67.5742, 0.2519, 0.2936



31.5176, 0.2567, 0.2535



12.1386, 0.2983, 0.3219



15.2790, 0.1971, 0.2293



0.9169, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 38.2510, 0.3802, 0.3551 looks on a white background.

Color Contrast Check

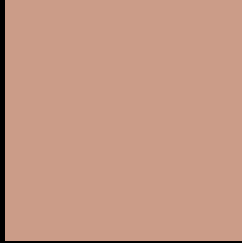
Large Text (above 18pt) WCAG AA × Fail

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 38.2510, 0.3802, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

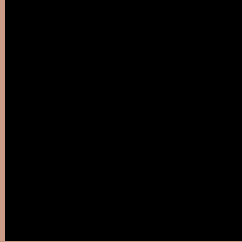
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2510, 0.3802, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 38.2510, 0.3802, 0.3551.



This preview shows how white text looks on a background with the Yxy color 38.2510, 0.3802, 0.3551.

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

38.2510, 0.3802, 0.3551

Protanopia

38.3095, 0.3436, 0.3644

Deuteranopia

38.2283, 0.3694, 0.3627



Tritanopia

38.2586, 0.3560, 0.3140

Trichromacy



Original Color

38.2510, 0.3802, 0.3551

Protanomaly

38.0190, 0.3567, 0.3607

Deuteranomaly

38.4159, 0.3739, 0.3609

Tritanomaly

38.0947, 0.3649, 0.3279

Monochromacy



Original Color

38.2510, 0.3802, 0.3551

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7750, 0.3362, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2510, 0.3802, 0.3551 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(203, 156, 136)` looks like.

```
.text, #text, p{  
    color:rgb(203, 156, 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(203, 156, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 156, 136) }
```

Border

The CSS property to change the border of an element to Yxy 38.2510, 0.3802, 0.3551 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(203, 156, 136) }
```

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

```
.border{ border-color:rgb(203, 156, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 156, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 156, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 156, 136);  
box-shadow:4px 4px 4px 4px rgb(203, 156,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2510, 0.3802, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 156, 136) }
```

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

```
.background{ background-color: rgb(203,  
156, 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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