

Converting Colors

$Yxy(38.9207, 0.3905, 0.3877)$

Have a look what the booklet for
Yxy(38.9207, 0.3905, 0.3877)
contains.

Yxy(38.9953, 0.3898, 0.3882)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.9953, 0.3898, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	C5A275
RGB	197, 162, 117
RGB Percent	77%, 64%, 46%
CMY	0.2275, 0.3647, 0.5411
CMYK	0.00, 0.18, 0.41, 0.23
HSL	34°, 41%, 62%
HSV	34°, 41%, 77%
XYZ	39.1560, 38.9953, 22.3002
YIQ	167.3350, 35.3050, -6.5750

Conversions

Conversions Part 2

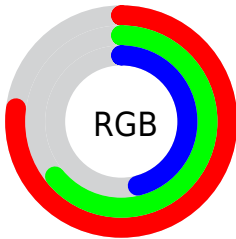
Format	Color
RYB	179, 197, 117
Decimal	12952181
CIELab	68.75, 6.75, 28.23
CIElCh	69, 29.022, 76.555
Yxy	38.9953, 0.3898, 0.3882
Android (android.graphics.Color)	4291142261 (0xFFC5A275)
YUV	167.3350, -24.8152, 26.0162
Hunter-Lab	62.4462, 2.6450, 22.5392

Details

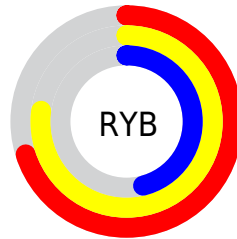
The Yxy color **38.9953, 0.3898, 0.3882** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2729, 0.2468, 0.2608**, and the grayscale version is **38.9274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7880, 0.3750, 0.3774**, and **17.3200, 0.4137, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **35.6484, 0.4135, 0.4022**, and if you desaturate by 10%, it is **42.6515, 0.3677, 0.3733**.

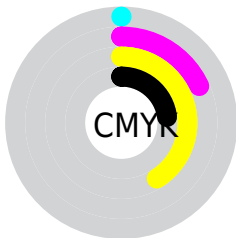
Distribution



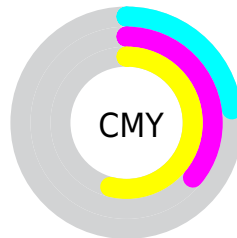
- Red (77%)
- Green (64%)
- Blue (46%)



- Red (70%)
- Yellow (77%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (23%)




- Cyan (23%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9953, 0.3898, 0.3882 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 38.9953, 0.3898, 0.3882 by changing the saturation by 10% instead.


 38.9953, 0.3898,
0.3882


 38.9953, 0.3898,
0.3882


341.8705, 0.3503,
0.3588


 26.7561, 0.3998,
0.3952


 73.6311, 0.3753,
0.3777

 17.3901, 0.4125,
0.4040


 96.7965, 0.3699,
0.3737

 10.5130, 0.4293,
0.4150


 124.3728, 0.3654,
0.3703

 5.7404, 0.4520,
0.4289

156.7443, 0.3615,
0.3673

 2.6879, 0.4950,
0.4563

194.2954, 0.3581,
0.3648

 0.9710, 0.5333,
0.4667

237.4105, 0.3552,

 0.0000, 1.0000,

0.3626

0.0000

286.4741, 0.3526,
0.3606

■ 0.0000, 0.0000,
0.0000

■ 38.9953, 0.3898,
0.3882

■ 38.9953, 0.3898,
0.3882

■ 35.6484, 0.4135,
0.4022

■ 42.6515, 0.3677,
0.3733

■ 32.5950, 0.4382,
0.4143

■ 46.6210, 0.3476,
0.3583

■ 29.8257, 0.4628,
0.4232


■ 50.9149, 0.3296,
0.3437

■ 27.3283, 0.4860,
0.4280


■ 55.5418, 0.3136,
0.3298

■ 25.0889, 0.5065,
0.4275


■ 60.5100, 0.2995,
0.3168

 23.1970, 0.5230,
0.4229

 65.8273, 0.2871,
0.3047

 71.5015, 0.2762,
0.2936

 76.2112, 0.2769,
0.3030

 81.1530, 0.2776,
0.3125

Harmonies

Analogous

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



38.9953, 0.3986, 0.3575



38.9953, 0.3898, 0.3882



38.9953, 0.3600, 0.4056

Triad

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



38.9953, 0.3898, 0.3882



38.9953, 0.2470, 0.3296



38.9953, 0.3020, 0.2686

Complementary

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



38.9953, 0.3898, 0.3882



30.2729, 0.2468, 0.2608

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.



38.9953, 0.2638, 0.2595



38.9953, 0.3898, 0.3882



38.9953, 0.2338, 0.2912

Square

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



38.9953, 0.3898, 0.3882



38.9953, 0.2774, 0.3715



38.9953, 0.2398, 0.2668



38.9953, 0.3459, 0.2911

Rectangle

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



38.9953, 0.3898, 0.3882



38.9953, 0.3330, 0.4051



38.9953, 0.2398, 0.2668



38.9953, 0.2881, 0.2639

Sweetspot

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



38.9971, 0.3898, 0.3882



89.9381, 0.3323, 0.3460



26.8976, 0.3679, 0.2816



19.0275, 0.3347, 0.3479



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.



38.9971, 0.3898, 0.3882



64.3390, 0.4115, 0.4011



52.5482, 0.3693, 0.4296



11.6102, 0.3276, 0.3420



15.4285, 0.5213, 0.4243



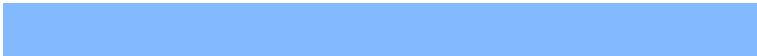
0.8729, 0.4945, 0.4456

Inverse Universe

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



30.2729, 0.2468, 0.2608



46.5468, 0.2316, 0.2420



20.8260, 0.2416, 0.2068



11.0381, 0.2983, 0.3157



7.2082, 0.1720, 0.1392



0.4849, 0.1834, 0.1802

Previews

White Background



This preview shows how the Yxy color 38.9953, 0.3898, 0.3882 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 38.9953, 0.3898, 0.3882 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 38.9953, 0.3898, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 38.9953, 0.3898, 0.3882.



This preview shows how white text looks on a background with the Yxy color 38.9953, 0.3898, 0.3882.

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

38.9953, 0.3898, 0.3882

Protanopia

39.1609, 0.3689, 0.3970

Deuteranopia

39.0535, 0.3934, 0.3863



Tritanopia

38.7893, 0.3483, 0.3138

Trichromacy



Original Color

38.9953, 0.3898, 0.3882

Protanomaly

39.1452, 0.3768, 0.3943

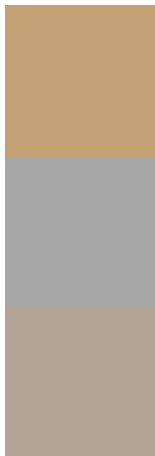
Deuteranomaly

38.9162, 0.3924, 0.3865

Tritanomaly

38.9030, 0.3634, 0.3409

Monochromacy



Original Color

38.9953, 0.3898, 0.3882

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.5452, 0.3395, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9953, 0.3898, 0.3882 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(197, 162, 117)` looks like.

```
.text, #text, p{  
    color:rgb(197, 162, 117)  
}
```

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(197, 162, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 117) }
```

Border

The CSS property to change the border of an element to Yxy 38.9953, 0.3898, 0.3882 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(197, 162, 117) }
```

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

```
.border{ border-color:rgb(197, 162, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 162, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 162, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 162, 117);  
box-shadow:4px 4px 4px 4px rgb(197, 162,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9953, 0.3898, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 162, 117) }
```

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

```
.background{ background-color: rgb(197,  
162, 117) }
```

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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