

Converting Colors

Yxy(41.2456, 0.4101, 0.4202)

Have a look what the booklet for
Yxy(41.2456, 0.4101, 0.4202)
contains.

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Color

Yxy(41.3880, 0.4104, 0.4202)

Conversions

Conversions Part 1

Format	Color
Hex	CAA85F
RGB	202, 168, 95
RGB Percent	79%, 66%, 37%
CMY	0.2079, 0.3411, 0.6274
CMYK	0.00, 0.17, 0.53, 0.21
HSL	41°, 50%, 58%
HSV	41°, 53%, 79%
XYZ	40.4227, 41.3880, 16.6852
YIQ	169.8440, 43.6970, -15.4950

Conversions

Conversions Part 2

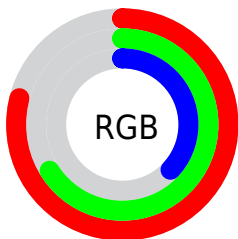
Format	Color
RYB	145, 202, 95
Decimal	13281375
CIELab	70.45, 3.39, 42.02
CIELCh	70, 42.158, 85.383
Yxy	41.3880, 0.4104, 0.4202
Android (android.graphics.Color)	4291471455 (0xFFCAA85F)
YUV	169.8440, -36.8981, 28.2008
Hunter-Lab	64.3335, -0.4265, 29.6563

Details

The Yxy color **41.3880, 0.4104, 0.4202** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **22.3923, 0.2221, 0.2141**, and the grayscale version is **40.2882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1419, 0.3888, 0.4061**, and **18.7078, 0.4349, 0.4418** is the 20% darker color. If you saturate the color by 10%, you get **38.7583, 0.4308, 0.4340**, and if you desaturate by 10%, it is **44.2337, 0.3898, 0.4040**.

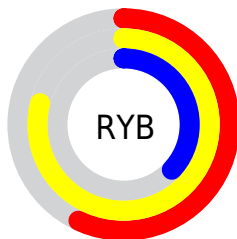
Distribution



Red (79%)

Green (66%)

Blue (37%)



Red (57%)

Yellow (79%)

Blue (37%)

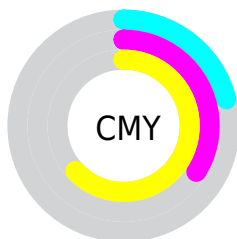


Cyan (0%)

Magenta (17%)

Yellow (53%)

Black (21%)



Cyan (21%)


Magenta (34%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3880, 0.4104, 0.4202 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 41.3880, 0.4104, 0.4202 by changing the saturation by 10% instead.


 41.3880, 0.4104,
0.4202


 41.3880, 0.4104,
0.4202


351.9396, 0.3621,
0.3759


 28.6224, 0.4217,
0.4302


 77.2725, 0.3933,
0.4047


 18.7953, 0.4355,
0.4423


 101.1603, 0.3867,
0.3987

 11.5225, 0.4523,
0.4565


 129.5241, 0.3811,
0.3935

 6.4194, 0.4729,
0.4731

 162.7486, 0.3762,
0.3890

 3.1018, 0.5033,
0.4967

201.2179, 0.3720,
0.3851

 1.1851, 0.5093,
0.4907

245.3166, 0.3683,

 0.0495, 0.7241,

0.3817

0.2759

295.4291, 0.3650,
0.3786

0.0000, 0.0000,
0.0000

41.3880, 0.4104,
0.4202

41.3880, 0.4104,
0.4202

38.7583, 0.4308,
0.4340

44.2337, 0.3898,
0.4040

36.3295, 0.4500,
0.4444

47.2980, 0.3698,
0.3865

34.0933, 0.4670,
0.4503

50.5903, 0.3508,
0.3686

32.0374, 0.4811,
0.4512

54.1180, 0.3332,
0.3509

30.6851, 0.4895,
0.4495

57.8878, 0.3172,
0.3339

■ 61.9062, 0.3027,
0.3178

■ 66.1792, 0.2897,
0.3027

■ 70.6097, 0.2790,
0.2905

■ 74.0283, 0.2795,
0.2976

Harmonies

Analogous

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



41.3880, 0.4344, 0.3791



41.3880, 0.4104, 0.4202



41.3880, 0.3610, 0.4409

Triad

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



41.3880, 0.4104, 0.4202



41.3880, 0.2134, 0.3103



41.3880, 0.3148, 0.2535

Complementary

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



41.3880, 0.4104, 0.4202



22.3923, 0.2221, 0.2141

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.



41.3880, 0.2577, 0.2353



41.3880, 0.4104, 0.4202



41.3880, 0.2039, 0.2619

Square

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



41.3880, 0.4104, 0.4202



41.3880, 0.2477, 0.3731



41.3880, 0.2192, 0.2370



41.3880, 0.3769, 0.2878

Rectangle

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



41.3880, 0.4104, 0.4202



41.3880, 0.3214, 0.4350



41.3880, 0.2192, 0.2370



41.3880, 0.2943, 0.2454

Sweetspot

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



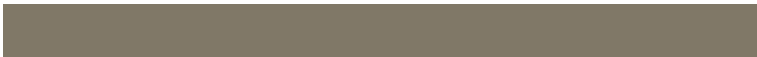
41.3900, 0.4104, 0.4202



89.6547, 0.3388, 0.3566



22.3695, 0.4124, 0.2837



18.9217, 0.3424, 0.3603



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.



41.3900, 0.4104, 0.4202



64.8211, 0.4345, 0.4363



53.2707, 0.3735, 0.4628



12.4724, 0.3273, 0.3448



19.9147, 0.4884, 0.4504



1.1602, 0.4717, 0.4637

Inverse Universe

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



22.3923, 0.2221, 0.2141



29.3199, 0.2020, 0.1830



15.9486, 0.2260, 0.1674



11.4159, 0.2983, 0.3127



5.2576, 0.1626, 0.1053



0.4081, 0.1738, 0.1456

Previews

White Background



This preview shows how the Yxy color 41.3880, 0.4104, 0.4202 looks on a white background.

Color Contrast Check

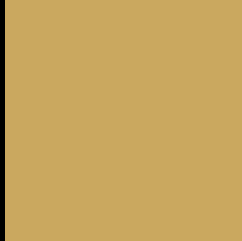
Large Text (above 18pt) WCAG AA × Fail

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 41.3880, 0.4104, 0.4202 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 41.3880, 0.4104, 0.4202

Background



This preview shows how black text looks on a background with the Yxy color 41.3880, 0.4104, 0.4202.



This preview shows how white text looks on a background with the Yxy color 41.3880, 0.4104, 0.4202.

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

41.3880, 0.4104, 0.4202

Protanopia

41.5690, 0.3927, 0.4286

Deuteranopia

41.2443, 0.4213, 0.4112



Tritanopia

41.2919, 0.3504, 0.3142

Trichromacy



Original Color

41.3880, 0.4104, 0.4202

Protanomaly

41.4397, 0.3997, 0.4256

Deuteranomaly

41.1647, 0.4176, 0.4134

Tritanomaly

40.9456, 0.3739, 0.3533

Monochromacy



Original Color

41.3880, 0.4104, 0.4202

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3042, 0.3479, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3880, 0.4104, 0.4202 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(202, 168, 95)` looks like.

```
.text, #text, p{  
    color:rgb(202, 168, 95)  
}
```

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(202, 168, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 168, 95) }
```

Border

The CSS property to change the border of an element to Yxy 41.3880, 0.4104, 0.4202 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(202, 168, 95) }
```

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

```
.border{ border-color:rgb(202, 168, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 168, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 168, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 168, 95);  
box-shadow:4px 4px 4px 4px rgb(202, 168,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3880, 0.4104, 0.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 168, 95) }
```

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

```
.background{ background-color: rgb(202,  
168, 95) }
```

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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