

Converting Colors

$Y_{xy}(41.8029, 0.3911, 0.3818)$

Have a look what the booklet for
Yxy(41.8029, 0.3911, 0.3818)
contains.

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Color

Yxy(41.9931, 0.3913, 0.3821)

Conversions

Conversions Part 1	
Format	Color
Hex	CFA67C
RGB	207, 166, 124
RGB Percent	81%, 65%, 49%
CMY	0.1883, 0.3490, 0.5138
CMYK	0.00, 0.20, 0.40, 0.19
HSL	30°, 46%, 65%
HSV	30°, 40%, 81%
XYZ	43.0042, 41.9931, 24.9035
YIQ	173.4710, 37.9180, -4.3700

Conversions

Conversions Part 2

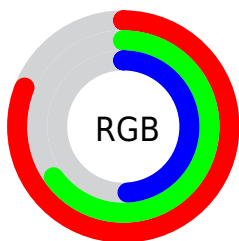
Format	Color
RYB	205, 207, 124
Decimal	13608572
CIELab	70.87, 9.43, 27.46
CIELCh	71, 29.032, 71.053
Yxy	41.9931, 0.3913, 0.3821
Android (android.graphics.Color)	4291798652 (0xFFCFA67C)
YUV	173.4710, -24.3892, 29.4049
Hunter-Lab	64.8021, 5.0532, 22.5762

Details

The Yxy color $41.9931, 0.3913, 0.3821$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $35.6889, 0.2485, 0.2686$, and the grayscale version is $42.1552, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1472, 0.3687, 0.3742$, and $19.1219, 0.4137, 0.3946$ is the 20% darker color. If you saturate the color by 10%, you get $37.9556, 0.4166, 0.3949$, and if you desaturate by 10%, it is $46.4398, 0.3681, 0.3685$.

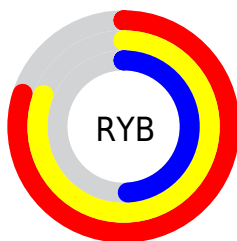
Distribution



Red (81%)

Green (65%)

Blue (49%)



Red (80%)

Yellow (81%)

Blue (49%)

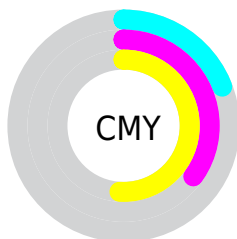


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (19%)



Cyan (19%)


Magenta (35%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9931, 0.3913, 0.3821 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 41.9931, 0.3913, 0.3821 by changing the saturation by 10% instead.


 41.9931, 0.3913,
0.3821

 41.9931, 0.3913,
0.3821


354.4543, 0.3514,
0.3563


 29.0959, 0.4013,
0.3881


 78.1892, 0.3767,
0.3730

 19.1534, 0.4140,
0.3955


 102.2568, 0.3713,
0.3695

 11.7812, 0.4308,
0.4047


 130.8168, 0.3667,
0.3665

 6.5948, 0.4535,
0.4161

164.2534, 0.3627,
0.3639

 3.2100, 0.4880,
0.4319

202.9510, 0.3593,
0.3616

 1.2423, 0.5459,
0.4541


247.2942, 0.3563,


 0.0959, 0.7701,


0.3596


0.2299


297.6671, 0.3537,
0.3579

 0.0000, 0.0000,
0.0000

 41.9931, 0.3913,
0.3821


 41.9931, 0.3913,
0.3821


 37.9556, 0.4166,
0.3949


 46.4398, 0.3681,
0.3685


 34.3076, 0.4434,
0.4058


 51.3027, 0.3474,
0.3549


 31.0363, 0.4707,
0.4137

 56.5959, 0.3290,
0.3417

 28.1255, 0.4969,
0.4174


 62.3313, 0.3129,
0.3291

 25.5571, 0.5203,
0.4158

 68.5198, 0.2988,
0.3174

 23.3247, 0.5400,
0.4095

 75.1722, 0.2866,
0.3066

 81.3721, 0.2833,
0.3106

 87.4784, 0.2839,
0.3214

 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.



41.9931, 0.3954, 0.3508



41.9931, 0.3913, 0.3821



41.9931, 0.3654, 0.4021

Triad

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



41.9931, 0.3913, 0.3821



41.9931, 0.2529, 0.3373



41.9931, 0.2948, 0.2672

Complementary

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



41.9931, 0.3913, 0.3821



35.6889, 0.2485, 0.2686

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.



41.9931, 0.2594, 0.2611



41.9931, 0.3913, 0.3821



41.9931, 0.2366, 0.2982

Square

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



41.9931, 0.3913, 0.3821



41.9931, 0.2852, 0.3770



41.9931, 0.2390, 0.2714



41.9931, 0.3374, 0.2871

Rectangle

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



41.9931, 0.3913, 0.3821



41.9931, 0.3401, 0.4045



41.9931, 0.2390, 0.2714



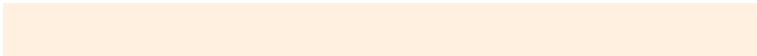
41.9931, 0.2817, 0.2635

Sweetspot

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



41.9951, 0.3913, 0.3821



88.9197, 0.3325, 0.3443



30.4113, 0.3623, 0.2770



18.7879, 0.3349, 0.3461



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.



41.9951, 0.3913, 0.3821



61.7781, 0.4126, 0.3930



59.3410, 0.3723, 0.4275



12.7833, 0.3278, 0.3408



14.8867, 0.5379, 0.4111



0.9911, 0.5104, 0.4329

Inverse Universe

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



35.6889, 0.2485, 0.2686



50.3294, 0.2349, 0.2530



23.2014, 0.2389, 0.2070



12.3679, 0.2982, 0.3169



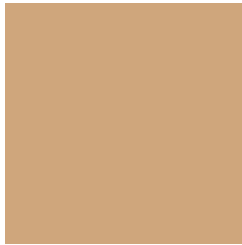
9.0398, 0.1769, 0.1568



0.6641, 0.1862, 0.1905

Previews

White Background



This preview shows how the Yxy color 41.9931, 0.3913, 0.3821 looks on a white background.

Color Contrast Check

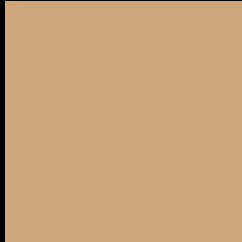
Large Text (above 18pt) WCAG AA × Fail

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 41.9931, 0.3913, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

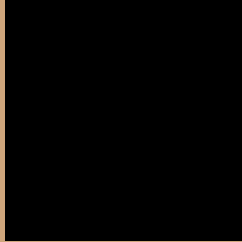
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9931, 0.3913, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 41.9931, 0.3913, 0.3821.



This preview shows how white text looks on a background with the Yxy color 41.9931, 0.3913, 0.3821.

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

41.9931, 0.3913, 0.3821

Protanopia

41.9842, 0.3657, 0.3910

Deuteranopia

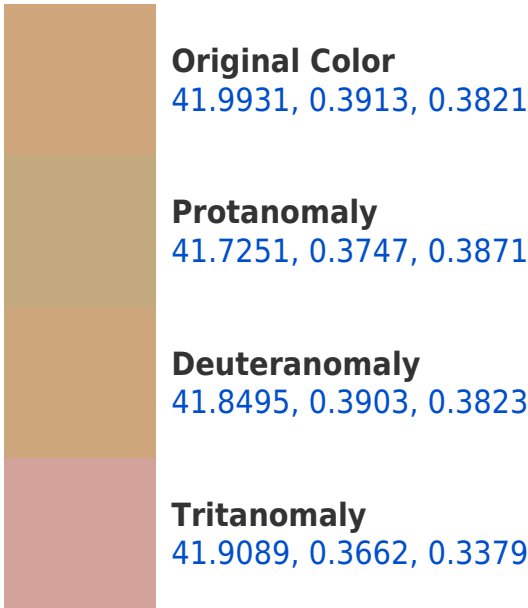
41.8495, 0.3903, 0.3823



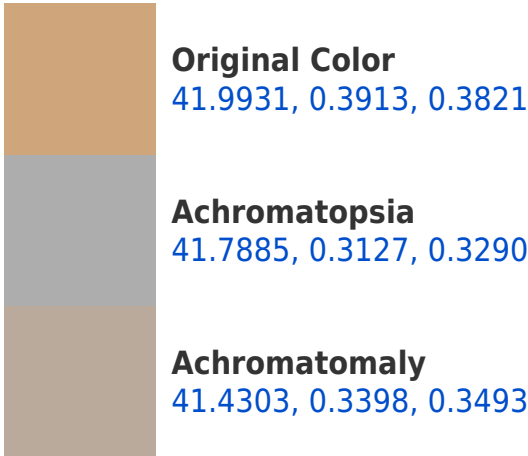
Tritanopia

42.1172, 0.3521, 0.3144

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9931, 0.3913, 0.3821 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, 166, 124)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 124)  
}
```

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, 166, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 124) }
```

Border

The CSS property to change the border of an element to Yxy 41.9931, 0.3913, 0.3821 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, 166, 124) }
```

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

```
.border{ border-color:rgb(207, 166, 124) }
```

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

Here you see how a box with a 4 pixel rgb(207, 166, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 124);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9931, 0.3913, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 124) }
```

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

```
.background{ background-color: rgb(207,  
166, 124) }
```

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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