

Converting Colors

$Yxy(41.9512, 0.4130, 0.3959)$

Have a look what the booklet for
Yxy(41.9512, 0.4130, 0.3959)
contains.

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Color

Yxy(41.9512, 0.4130, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	D6A46D
RGB	214, 164, 109
RGB Percent	84%, 64%, 43%
CMY	0.1608, 0.3568, 0.5727
CMYK	0.00, 0.23, 0.49, 0.16
HSL	31°, 56%, 63%
HSV	31°, 49%, 84%
XYZ	43.7632, 41.9512, 20.2497
YIQ	172.6800, 47.4550, -6.5050

Conversions

Conversions Part 2

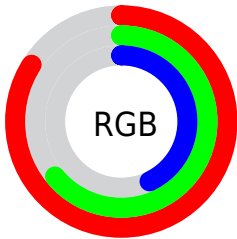
Format	Color
RYB	204, 214, 109
Decimal	14066797
CIELab	70.84, 11.80, 35.56
CIELCh	71, 37.464, 71.648
Yxy	41.9512, 0.4130, 0.3959
Android (android.graphics.Color)	4292256877 (0xFFD6A46D)
YUV	172.6800, -31.3942, 36.2376
Hunter-Lab	64.7697, 7.2606, 26.8023

Details

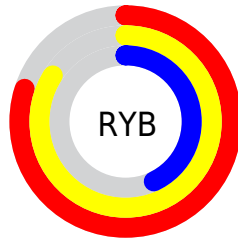
The Yxy color **41.9512, 0.4130, 0.3959** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.8805, 0.2335, 0.2490**, and the grayscale version is **41.7619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4962, 0.3807, 0.3885**, and **19.0827, 0.4414, 0.4106** is the 20% darker color. If you saturate the color by 10%, you get **38.0468, 0.4391, 0.4075**, and if you desaturate by 10%, it is **46.2636, 0.3883, 0.3826**.

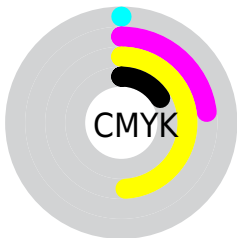
Distribution



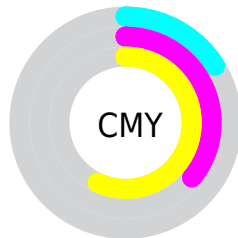
- Red (84%)
- Green (64%)
- Blue (43%)



- Red (80%)
- Yellow (84%)
- Blue (43%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (16%)





- Cyan (16%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9512, 0.4130, 0.3959 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 41.9512, 0.4130, 0.3959 by changing the saturation by 10% instead.

 41.9512, 0.4130,
0.3959


 41.9512, 0.4130,
0.3959


354.2806, 0.3625,
0.3642

 29.0631, 0.4253,
0.4029


 78.1258, 0.3948,
0.3850


 19.1285, 0.4408,
0.4112


 102.1810, 0.3879,
0.3807

 11.7632, 0.4606,
0.4209


 130.7274, 0.3820,
0.3770

 6.5826, 0.4862,
0.4314

 164.1493, 0.3770,
0.3737

 3.2025, 0.5390,
0.4574

202.8312, 0.3726,
0.3709

 1.2383, 0.5598,
0.4402

247.1575, 0.3688,

 0.0927, 0.8023,

0.3684

0.1977

297.5125, 0.3655,
0.3662

0.0000, 0.0000,
0.0000

41.9512, 0.4130,
0.3959

41.9512, 0.4130,
0.3959

38.0468, 0.4391,
0.4075

46.2636, 0.3883,
0.3826

34.5294, 0.4656,
0.4161

50.9921, 0.3657,
0.3685

31.3844, 0.4911,
0.4206

56.1518, 0.3453,
0.3544

28.5934, 0.5140,
0.4199

61.7551, 0.3272,
0.3408

26.1308, 0.5333,
0.4140

67.8140, 0.3113,
0.3278

■ 25.9175, 0.5350,
0.4134

■ 74.3398, 0.2974,
0.3158

■ 81.0988, 0.2874,
0.3084

■ 87.1073, 0.2879,
0.3191

■ 93.0342, 0.2883,
0.3289

Harmonies

Analogous

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



41.9512, 0.4198, 0.3557



41.9512, 0.4130, 0.3959



41.9512, 0.3784, 0.4233

Triad

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



41.9512, 0.4130, 0.3959



41.9512, 0.2356, 0.3379



41.9512, 0.2901, 0.2516

Complementary

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



41.9512, 0.4130, 0.3959



32.8805, 0.2335, 0.2490

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.



41.9512, 0.2455, 0.2433



41.9512, 0.4130, 0.3959



41.9512, 0.2163, 0.2873

Square

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



41.9512, 0.4130, 0.3959



41.9512, 0.2757, 0.3913



41.9512, 0.2199, 0.2547



41.9512, 0.3452, 0.2766

Rectangle

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



41.9512, 0.4130, 0.3959



41.9512, 0.3456, 0.4275



41.9512, 0.2199, 0.2547



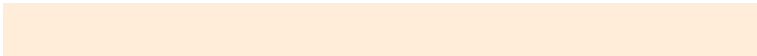
41.9512, 0.2735, 0.2468

Sweetspot

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



41.9532, 0.4130, 0.3959



86.7083, 0.3379, 0.3490



27.7535, 0.3811, 0.2677



18.1859, 0.3419, 0.3519



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.



41.9532, 0.4130, 0.3959



56.3055, 0.4405, 0.4080



63.2222, 0.3830, 0.4482



13.4872, 0.3278, 0.3412



15.8775, 0.5328, 0.4151



1.1230, 0.5080, 0.4348

Inverse Universe

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



32.8805, 0.2335, 0.2490



41.3031, 0.2173, 0.2280



19.1465, 0.2207, 0.1752



12.9738, 0.2982, 0.3165



8.8643, 0.1752, 0.1508



0.6998, 0.1842, 0.1831

Previews

White Background



This preview shows how the Yxy color 41.9512, 0.4130, 0.3959 looks on a white background.

Color Contrast Check

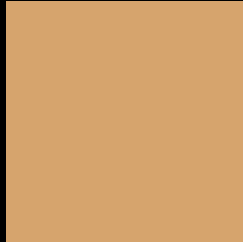
Large Text (above 18pt) WCAG AA × Fail

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 41.9512, 0.4130, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

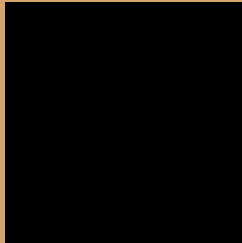
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9512, 0.4130, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 41.9512, 0.4130, 0.3959.



This preview shows how white text looks on a background with the Yxy color 41.9512, 0.4130, 0.3959.

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

41.9512, 0.4130, 0.3959

Protanopia

42.2832, 0.3792, 0.4101

Deuteranopia

42.0782, 0.4078, 0.3993



Tritanopia

42.0386, 0.3626, 0.3147

Trichromacy



Original Color

41.9512, 0.4130, 0.3959

Protanomaly

41.9251, 0.3910, 0.4039

Deuteranomaly

41.8633, 0.4094, 0.3979

Tritanomaly

41.9999, 0.3817, 0.3451

Monochromacy



Original Color

41.9512, 0.4130, 0.3959

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6428, 0.3471, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9512, 0.4130, 0.3959 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(214, 164, 109)` looks like.

```
.text, #text, p{  
    color:rgb(214, 164, 109)  
}
```

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(214, 164, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 164, 109) }
```

Border

The CSS property to change the border of an element to Yxy 41.9512, 0.4130, 0.3959 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(214, 164, 109) }
```

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

```
.border{ border-color:rgb(214, 164, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 164, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 164, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 164, 109);  
box-shadow:4px 4px 4px 4px rgb(214, 164,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9512, 0.4130, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 164, 109) }
```

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

```
.background{ background-color: rgb(214,  
164, 109) }
```

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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