

Converting Colors

$Yxy(41.4366, 0.3992, 0.3907)$

Have a look what the booklet for
Yxy(41.4366, 0.3992, 0.3907)
contains.

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Color

Yxy(41.4366, 0.3992, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	CFA574
RGB	207, 165, 116
RGB Percent	81%, 65%, 45%
CMY	0.1882, 0.3529, 0.5452
CMYK	0.00, 0.20, 0.44, 0.19
HSL	32°, 49%, 63%
HSV	32°, 44%, 81%
XYZ	42.3381, 41.4366, 22.2826
YIQ	171.9720, 40.7610, -6.3350

Conversions

Conversions Part 2

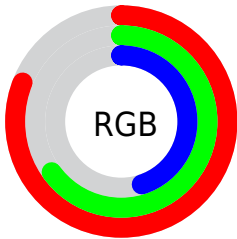
Format	Color
RYB	194, 207, 116
Decimal	13608308
CIELab	70.48, 9.10, 31.24
CIElCh	70, 32.542, 73.770
Yxy	41.4366, 0.3992, 0.3907
Android (android.graphics.Color)	4291798388 (0xFFCFA574)
YUV	171.9720, -27.5942, 30.7196
Hunter-Lab	64.3713, 4.7528, 24.5362

Details

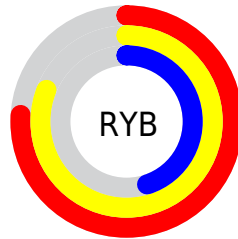
The Yxy color $41.4366, 0.3992, 0.3907$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $32.6594, 0.2415, 0.2570$, and the grayscale version is $41.3669, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.3110, 0.3747, 0.3814$, and $18.7948, 0.4244, 0.4053$ is the 20% darker color. If you saturate the color by 10%, you get $37.6919, 0.4242, 0.4036$, and if you desaturate by 10%, it is $45.5498, 0.3759, 0.3766$.

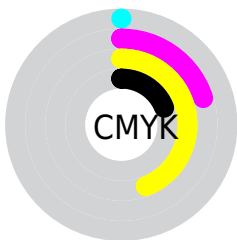
Distribution



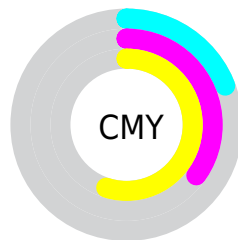
- Red (81%)
- Green (65%)
- Blue (45%)



- Red (76%)
- Yellow (81%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4366, 0.3992, 0.3907 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 41.4366, 0.3992, 0.3907 by changing the saturation by 10% instead.


 41.4366, 0.3992,
0.3907


 41.4366, 0.3992,
0.3907


352.1421, 0.3554,
0.3608


 28.6604, 0.4101,
0.3976


 77.3462, 0.3833,
0.3802

 18.8241, 0.4238,
0.4060


 101.2484, 0.3773,
0.3761

 11.5432, 0.4417,
0.4163


 129.6281, 0.3722,
0.3726

 6.4335, 0.4654,
0.4286

162.8696, 0.3679,
0.3696

 3.1104, 0.5076,
0.4512

201.3574, 0.3641,
0.3670

 1.1896, 0.5447,
0.4553

245.4758, 0.3608,

 0.0532, 0.8367,

0.3647

0.1633

295.6092, 0.3579,
0.3626

0.0000, 0.0000,
0.0000

41.4366, 0.3992,
0.3907

41.4366, 0.3992,
0.3907

37.6919, 0.4242,
0.4036

45.5498, 0.3759,
0.3766

34.2970, 0.4500,
0.4143

50.0376, 0.3547,
0.3621

31.2400, 0.4755,
0.4214

54.9132, 0.3357,
0.3478

28.5056, 0.4991,
0.4238

60.1872, 0.3188,
0.3342

26.0762, 0.5195,
0.4208

65.8700, 0.3040,
0.3214

■ 24.7440, 0.5304,
0.4170

■ 71.9712, 0.2911,
0.3095

■ 78.1160, 0.2829,
0.3045

■ 83.6346, 0.2835,
0.3147

■ 89.4498, 0.2841,
0.3247

Harmonies

Analogous

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



41.4366, 0.4066, 0.3561



41.4366, 0.3992, 0.3907



41.4366, 0.3680, 0.4123

Triad

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



41.4366, 0.3992, 0.3907



41.4366, 0.2432, 0.3338



41.4366, 0.2965, 0.2616

Complementary

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



41.4366, 0.3992, 0.3907



32.6594, 0.2415, 0.2570

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.



41.4366, 0.2560, 0.2532



41.4366, 0.3992, 0.3907



41.4366, 0.2271, 0.2905

Square

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



41.4366, 0.3992, 0.3907



41.4366, 0.2777, 0.3799



41.4366, 0.2317, 0.2625



41.4366, 0.3447, 0.2849

Rectangle

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



41.4366, 0.3992, 0.3907



41.4366, 0.3389, 0.4139



41.4366, 0.2317, 0.2625



41.4366, 0.2816, 0.2570

Sweetspot

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



41.4386, 0.3992, 0.3907



88.6736, 0.3342, 0.3467



28.2352, 0.3729, 0.2757



18.5920, 0.3382, 0.3498



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.



41.4386, 0.3992, 0.3907



60.5983, 0.4233, 0.4032



58.7171, 0.3750, 0.4373



12.8480, 0.3277, 0.3415



15.7816, 0.5285, 0.4186



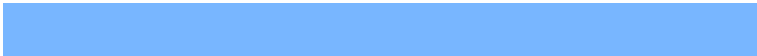
1.0403, 0.5031, 0.4387

Inverse Universe

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



32.6594, 0.2415, 0.2570



44.7398, 0.2260, 0.2376



20.9136, 0.2330, 0.1941



12.3036, 0.2982, 0.3161



8.2364, 0.1740, 0.1463



0.6185, 0.1837, 0.1813

Previews

White Background



This preview shows how the Yxy color 41.4366, 0.3992, 0.3907 looks on a white background.

Color Contrast Check

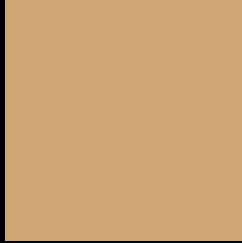
Large Text (above 18pt) WCAG AA × Fail

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 41.4366, 0.3992, 0.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

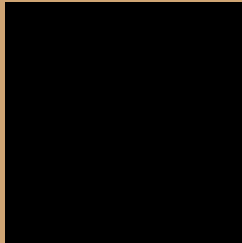
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4366, 0.3992, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 41.4366, 0.3992, 0.3907.



This preview shows how white text looks on a background with the Yxy color 41.4366, 0.3992, 0.3907.

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

41.4366, 0.3992, 0.3907

Protanopia

41.7838, 0.3727, 0.4017

Deuteranopia

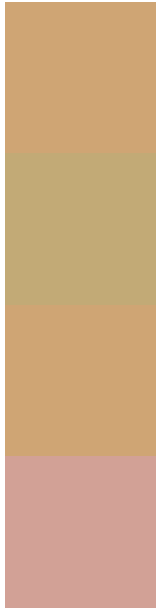
41.4366, 0.3992, 0.3907



Tritanopia

41.3530, 0.3545, 0.3144

Trichromacy



Original Color

41.4366, 0.3992, 0.3907

Protanomaly

41.5268, 0.3819, 0.3975

Deuteranomaly

41.4366, 0.3992, 0.3907

Tritanomaly

41.3934, 0.3714, 0.3429

Monochromacy



Original Color

41.4366, 0.3992, 0.3907

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9572, 0.3427, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4366, 0.3992, 0.3907 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, 165, 116)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 116)  
}
```

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, 165, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 116) }
```

Border

The CSS property to change the border of an element to Yxy 41.4366, 0.3992, 0.3907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

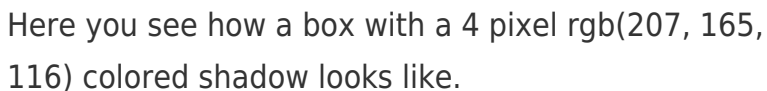
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 165, 116) }
```

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

```
.border{ border-color:rgb(207, 165, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 165, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 165, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 165, 116); box-shadow:4px 4px 4px 4px rgb(207, 165, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4366, 0.3992, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 116) }
```

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

```
.background{ background-color: rgb(207,  
165, 116) }
```

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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