

Converting Colors

$Yxy(40.4017, 0.3867, 0.3948)$

Have a look what the booklet for
Yxy(40.4017, 0.3867, 0.3948)
contains.

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Color

Yxy(40.2692, 0.3877, 0.3947)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C4A674 |
| RGB | 196, 166, 116 |
| RGB Percent | 77%, 65%, 45% |
| CMY | 0.2313, 0.3490, 0.5452 |
| CMYK | 0.00, 0.15, 0.41, 0.23 |
| HSL | 38°, 40%, 61% |
| HSV | 38°, 41%, 77% |
| XYZ | 39.5550, 40.2692, 22.2006 |
| YIQ | 169.2700, 33.9300, -9.1900 |

Conversions

Conversions Part 2

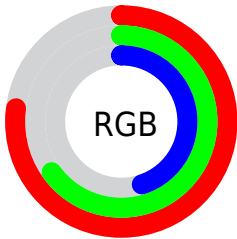
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 164, 196, 116 |
| Decimal | 12887668 |
| CIELab | 69.66, 4.07, 29.98 |
| CIELCh | 70, 30.251, 82.264 |
| Yxy | 40.2692, 0.3877, 0.3947 |
| Android (android.graphics.Color) | 4291077748 (0xFFC4A674) |
| YUV | 169.2700, -26.2621, 23.4422 |
| Hunter-Lab | 63.4580, 0.2121, 23.6782 |

Details

The Yxy color **40.2692, 0.3877, 0.3947** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.2492, 0.2452, 0.2524**, and the grayscale version is **39.9372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6483, 0.3736, 0.3825**, and **18.1026, 0.4097, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **37.2659, 0.4097, 0.4100**, and if you desaturate by 10%, it is **43.5252, 0.3668, 0.3784**.

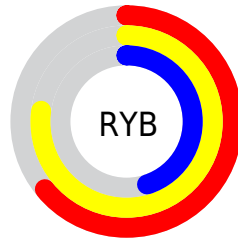
Distribution



Red (77%)

Green (65%)

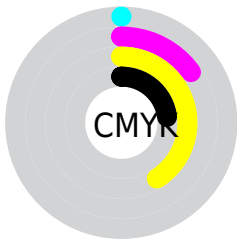
Blue (45%)



Red (64%)

Yellow (77%)

Blue (45%)

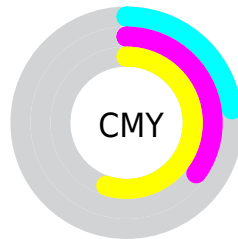


Cyan (0%)

Magenta (15%)

Yellow (41%)

Black (23%)



Cyan (23%)

Magenta (35%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2692, 0.3877, 0.3947 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 40.2692, 0.3877, 0.3947 by changing the saturation by 10% instead.


 40.2692, 0.3877,
0.3947


 40.2692, 0.3877,
0.3947


347.2569, 0.3497,
0.3620

 27.7485, 0.3971,
0.4026


 75.5733, 0.3739,
0.3830

 18.1362, 0.4091,
0.4124


 99.1254, 0.3687,
0.3785

 11.0478, 0.4247,
0.4249


 127.1235, 0.3643,
0.3747

 6.0990, 0.4454,
0.4407

159.9519, 0.3605,
0.3715

 2.9054, 0.4844,
0.4712

197.9951, 0.3572,
0.3686

 1.0825, 0.5144,
0.4856

241.6374, 0.3544,

 0.0000, 1.0000,

0.3662

0.0000

291.2632, 0.3519,
0.3640

0.0000, 0.0000,
0.0000

40.2692, 0.3877,
0.3947

40.2692, 0.3877,
0.3947

37.2659, 0.4097,
0.4100

43.5252, 0.3668,
0.3784

34.5010, 0.4321,
0.4233

47.0364, 0.3475,
0.3619

31.9671, 0.4540,
0.4335

50.8121, 0.3298,
0.3457

29.6537, 0.4742,
0.4394

54.8595, 0.3140,
0.3303

27.5488, 0.4916,
0.4402

59.1854, 0.2998,
0.3157

■ 25.7848, 0.5051,
0.4371

■ 63.7963, 0.2873,
0.3023

■ 68.6985, 0.2761,
0.2898

■ 72.6994, 0.2758,
0.2962

■ 76.7545, 0.2764,
0.3043

Harmonies

Analogous

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



40.2692, 0.4015, 0.3648



40.2692, 0.3877, 0.3947



40.2692, 0.3538, 0.4091

Triad

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



40.2692, 0.3877, 0.3947



40.2692, 0.2410, 0.3213



40.2692, 0.3102, 0.2703

Complementary

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



40.2692, 0.3877, 0.3947



28.2492, 0.2452, 0.2524

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.



40.2692, 0.2689, 0.2581



40.2692, 0.3877, 0.3947



40.2692, 0.2312, 0.2839

Square

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



40.2692, 0.3877, 0.3947



40.2692, 0.2692, 0.3652



40.2692, 0.2410, 0.2621



40.2692, 0.3551, 0.2956

Rectangle

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



40.2692, 0.3877, 0.3947



40.2692, 0.3251, 0.4054



40.2692, 0.2410, 0.2621



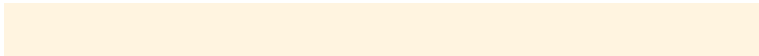
40.2692, 0.2954, 0.2646

Sweetspot

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



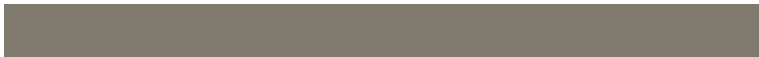
40.2711, 0.3877, 0.3947



91.0803, 0.3321, 0.3478



26.3169, 0.3751, 0.2882



19.2966, 0.3344, 0.3500



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.



40.2711, 0.3877, 0.3947



68.0580, 0.4073, 0.4085



51.2712, 0.3648, 0.4319



11.1031, 0.3274, 0.3434



16.7348, 0.5036, 0.4384



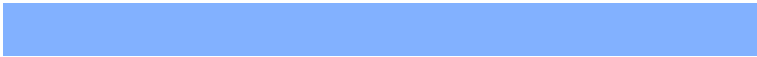
0.8519, 0.4801, 0.4570

Inverse Universe

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



28.2492, 0.2452, 0.2524



43.3746, 0.2297, 0.2319



20.8527, 0.2458, 0.2075



10.3530, 0.2984, 0.3142



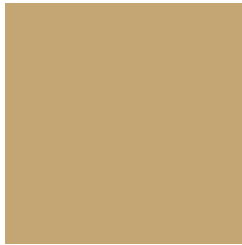
5.8174, 0.1669, 0.1209



0.3841, 0.1797, 0.1670

Previews

White Background



This preview shows how the Yxy color 40.2692, 0.3877, 0.3947 looks on a white background.

Color Contrast Check

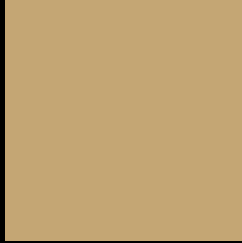
Large Text (above 18pt) WCAG AA × Fail

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 40.2692, 0.3877, 0.3947 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 40.2692, 0.3877, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 40.2692, 0.3877, 0.3947.



This preview shows how white text looks on a background with the Yxy color 40.2692, 0.3877, 0.3947.

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

40.2692, 0.3877, 0.3947

Protanopia

40.2478, 0.3719, 0.4001

Deuteranopia

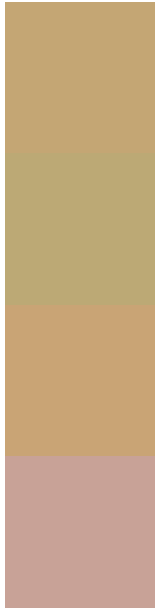
40.3161, 0.3964, 0.3878



Tritanopia

40.2931, 0.3436, 0.3139

Trichromacy



Original Color

40.2692, 0.3877, 0.3947

Protanomaly

40.3517, 0.3772, 0.3991

Deuteranomaly

40.2528, 0.3928, 0.3897

Tritanomaly

40.3544, 0.3602, 0.3434

Monochromacy



Original Color

40.2692, 0.3877, 0.3947

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7910, 0.3389, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2692, 0.3877, 0.3947 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(196, 166, 116)` looks like.

```
.text, #text, p{  
    color:rgb(196, 166, 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(196, 166, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 166, 116) }
```

Border

The CSS property to change the border of an element to Yxy 40.2692, 0.3877, 0.3947 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(196, 166, 116) }
```

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

```
.border{ border-color:rgb(196, 166, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 166, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 166, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 166, 116);  
box-shadow:4px 4px 4px 4px rgb(196, 166,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2692, 0.3877, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 166, 116) }
```

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

```
.background{ background-color: rgb(196,  
166, 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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