

Converting Colors

$Y_{xy}(40.4472, 0.4012, 0.4140)$

Have a look what the booklet for
Yxy(40.4472, 0.4012, 0.4140)
contains.

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Color

Yxy(40.4473, 0.4012, 0.4140)

Conversions

Conversions Part 1

Format	Color
Hex	C5A765
RGB	197, 167, 101
RGB Percent	77%, 65%, 40%
CMY	0.2274, 0.3451, 0.6039
CMYK	0.00, 0.15, 0.49, 0.23
HSL	41°, 45%, 58%
HSV	41°, 49%, 77%
XYZ	39.1968, 40.4473, 18.0547
YIQ	168.4460, 39.0660, -14.1660

Conversions

Conversions Part 2

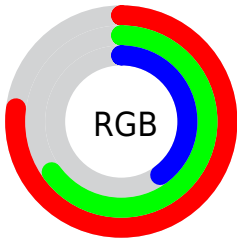
Format	Color
RYB	145, 197, 101
Decimal	12953445
CIELab	69.79, 2.40, 38.03
CIELCh	70, 38.107, 86.392
Yxy	40.4473, 0.4012, 0.4140
Android (android.graphics.Color)	4291143525 (0xFFC5A765)
YUV	168.4460, -33.2509, 25.0419
Hunter-Lab	63.5982, -1.2839, 27.6870

Details

The Yxy color **40.4473, 0.4012, 0.4140** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.0380, 0.2296, 0.2245**, and the grayscale version is **39.5429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8025, 0.3851, 0.3993**, and **18.1721, 0.4250, 0.4355** is the 20% darker color. If you saturate the color by 10%, you get **37.9048, 0.4216, 0.4290**, and if you desaturate by 10%, it is **43.1937, 0.3809, 0.3971**.

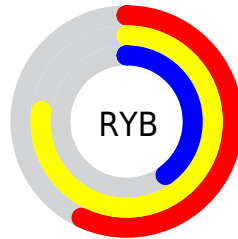
Distribution



Red (77%)

Green (65%)

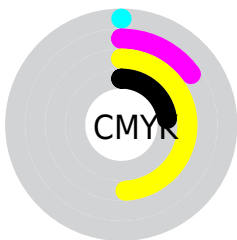
Blue (40%)



Red (57%)

Yellow (77%)

Blue (40%)

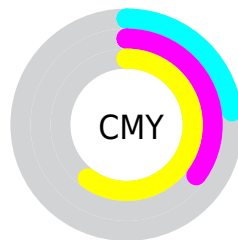


Cyan (0%)

Magenta (15%)

Yellow (49%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.4473, 0.4012, 0.4140 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 40.4473, 0.4012, 0.4140 by changing the saturation by 10% instead.


 40.4473, 0.4012,
0.4140

 40.4473, 0.4012,
0.4140


348.0053, 0.3570,
0.3721

 27.8875, 0.4118,
0.4238


 75.8442, 0.3854,
0.3991

 18.2408, 0.4248,
0.4358


 99.4500, 0.3794,
0.3934

 11.1230, 0.4411,
0.4505


 127.5066, 0.3742,
0.3885

 6.1497, 0.4612,
0.4679

 160.3984, 0.3698,
0.3843

 2.9363, 0.4989,
0.5011

198.5098, 0.3660,
0.3807

 1.0986, 0.5033,
0.4967

242.2251, 0.3626,

 0.0000, 1.0000,

0.3774


0.0000


291.9288, 0.3596,
0.3746


 0.0000, 0.0000,
0.0000

 40.4473, 0.4012,
0.4140

 40.4473, 0.4012,
0.4140


 37.9048, 0.4216,
0.4290


 43.1937, 0.3809,
0.3971


 35.5522, 0.4412,
0.4411


 46.1458, 0.3614,
0.3792


 33.3824, 0.4590,
0.4491

 49.3124, 0.3431,
0.3612

 31.3848, 0.4742,
0.4524

 52.7001, 0.3262,
0.3437

 29.5431, 0.4866,
0.4509

 56.3150, 0.3109,
0.3269

■ 29.3177, 0.4881,
0.4507

■ 60.1630, 0.2970,
0.3112

■ 64.2496, 0.2846,
0.2965

■ 68.3450, 0.2756,
0.2867

■ 71.5658, 0.2762,
0.2936

Harmonies

Analogous

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



40.4473, 0.4236, 0.3773



40.4473, 0.4012, 0.4140



40.4473, 0.3557, 0.4308

Triad

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



40.4473, 0.4012, 0.4140



40.4473, 0.2209, 0.3107



40.4473, 0.3168, 0.2603

Complementary

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



40.4473, 0.4012, 0.4140



23.0380, 0.2296, 0.2245

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.



40.4473, 0.2641, 0.2429



40.4473, 0.4012, 0.4140



40.4473, 0.2126, 0.2668

Square

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



40.4473, 0.4012, 0.4140



40.4473, 0.2520, 0.3672



40.4473, 0.2276, 0.2442



40.4473, 0.3731, 0.2926

Rectangle

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



40.4473, 0.4012, 0.4140



40.4473, 0.3193, 0.4240



40.4473, 0.2276, 0.2442



40.4473, 0.2980, 0.2526

Sweetspot

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



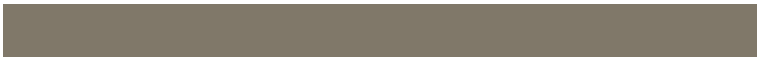
40.4492, 0.4012, 0.4140



90.3828, 0.3370, 0.3550



22.8311, 0.4027, 0.2890



19.0724, 0.3407, 0.3588



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.



40.4492, 0.4012, 0.4140



67.8072, 0.4219, 0.4293



50.5119, 0.3680, 0.4533



11.8359, 0.3273, 0.3448



19.4352, 0.4870, 0.4516



1.0454, 0.4696, 0.4653

Inverse Universe

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



23.0380, 0.2296, 0.2245



33.2457, 0.2118, 0.1979



17.2352, 0.2358, 0.1824



10.8195, 0.2983, 0.3127



5.0212, 0.1623, 0.1043



0.3686, 0.1743, 0.1476

Previews

White Background



This preview shows how the Yxy color 40.4473, 0.4012, 0.4140 looks on a white background.

Color Contrast Check

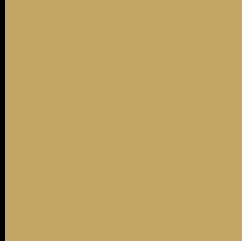
Large Text (above 18pt) WCAG AA × Fail

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 40.4473, 0.4012, 0.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

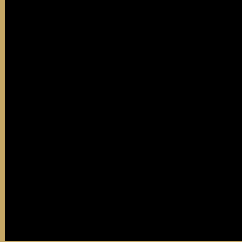
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4473, 0.4012, 0.4140

Background



This preview shows how black text looks on a background with the Yxy color 40.4473, 0.4012, 0.4140.



This preview shows how white text looks on a background with the Yxy color 40.4473, 0.4012, 0.4140.

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

40.4473, 0.4012, 0.4140

Protanopia

40.6499, 0.3879, 0.4210

Deuteranopia

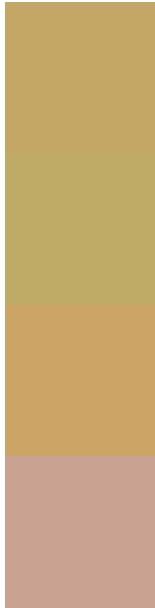
40.4191, 0.4129, 0.4048



Tritanopia

40.5739, 0.3455, 0.3140

Trichromacy



Original Color

40.4473, 0.4012, 0.4140

Protanomaly

40.7851, 0.3925, 0.4184

Deuteranomaly

40.2067, 0.4083, 0.4073

Tritanomaly

40.3335, 0.3660, 0.3499

Monochromacy



Original Color

40.4473, 0.4012, 0.4140

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.6026, 0.3443, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4473, 0.4012, 0.4140 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(197, 167, 101)` looks like.

```
.text, #text, p{  
    color:rgb(197, 167, 101)  
}
```

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(197, 167, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 167, 101) }
```

Border

The CSS property to change the border of an element to Yxy 40.4473, 0.4012, 0.4140 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(197, 167, 101) }
```

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

```
.border{ border-color:rgb(197, 167, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 167, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 167, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 167, 101);  
box-shadow:4px 4px 4px 4px rgb(197, 167,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4473, 0.4012, 0.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 167, 101) }
```

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

```
.background{ background-color: rgb(197,  
167, 101) }
```

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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