

Converting Colors

$Yxy(40.8977, 0.4046, 0.4272)$

Have a look what the booklet for
Yxy(40.8977, 0.4046, 0.4272)
contains.

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Color

Yxy(40.7683, 0.4044, 0.4263)

Conversions

Conversions Part 1

Format	Color
Hex	C3A95D
RGB	195, 169, 93
RGB Percent	76%, 66%, 36%
CMY	0.2352, 0.3373, 0.6352
CMYK	0.00, 0.13, 0.52, 0.24
HSL	45°, 46%, 56%
HSV	45°, 52%, 76%
XYZ	38.6739, 40.7683, 16.1906
YIQ	168.1100, 39.8920, -18.1240

Conversions

Conversions Part 2

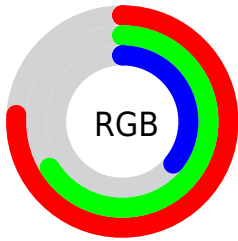
Format	Color
RYB	128, 195, 93
Decimal	12822877
CIELab	70.01, -0.24, 42.34
CIELCh	70, 42.342, 90.324
Yxy	40.7683, 0.4044, 0.4263
Android (android.graphics.Color)	4291012957 (0xFFC3A95D)
YUV	168.1100, -37.0292, 23.5825
Hunter-Lab	63.8501, -3.6203, 29.6607

Details

The Yxy color **40.7683, 0.4044, 0.4263** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **19.4730, 0.2214, 0.2055**, and the grayscale version is **39.3881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2383, 0.3881, 0.4094**, and **18.3860, 0.4281, 0.4512** is the 20% darker color. If you saturate the color by 10%, you get **38.6513, 0.4227, 0.4414**, and if you desaturate by 10%, it is **43.0477, 0.3855, 0.4088**.

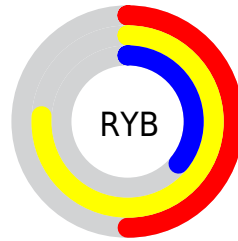
Distribution



Red (76%)

Green (66%)

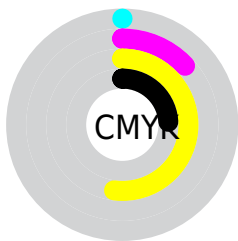
Blue (36%)



Red (50%)

Yellow (76%)

Blue (36%)

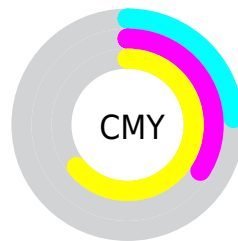


Cyan (0%)

Magenta (13%)

Yellow (52%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7683, 0.4044, 0.4263 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 40.7683, 0.4044, 0.4263 by changing the saturation by 10% instead.


 40.7683, 0.4044,
0.4263

 40.7683, 0.4044,
0.4263


349.3513, 0.3592,
0.3783


 28.1381, 0.4148,
0.4374


 76.3320, 0.3885,
0.4094


 18.4298, 0.4275,
0.4509


 100.0344, 0.3823,
0.4028

 11.2590, 0.4427,
0.4672


 128.1962, 0.3771,
0.3972

 6.2413, 0.4614,
0.4872

 161.2018, 0.3725,
0.3924

 2.9924, 0.4861,
0.5139

199.4358, 0.3685,
0.3882

 1.1277, 0.4857,
0.5143

243.2824, 0.3651,

 0.0015, 0.0000,

0.3845

1.0000

293.1261, 0.3620,
0.3812

■ 0.0000, 0.0000,
0.0000

■ 40.7683, 0.4044,
0.4263

■ 40.7683, 0.4044,
0.4263

■ 38.6513, 0.4227,
0.4414

■ 43.0477, 0.3855,
0.4088

■ 36.6833, 0.4395,
0.4531

■ 45.4907, 0.3668,
0.3900

■ 34.8577, 0.4541,
0.4605

■ 48.1054, 0.3488,
0.3707

■ 33.1642, 0.4658,
0.4631

■ 50.8978, 0.3318,
0.3516

■ 31.9367, 0.4732,
0.4625

■ 53.8734, 0.3161,
0.3331

■ 57.0373, 0.3018,
0.3156

■ 60.3946, 0.2888,
0.2993

■ 63.9499, 0.2772,
0.2842

■ 66.8049, 0.2742,
0.2837

Harmonies

Analogous

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



40.7683, 0.4338, 0.3870



40.7683, 0.4044, 0.4263



40.7683, 0.3517, 0.4422

Triad

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



40.7683, 0.4044, 0.4263



40.7683, 0.2092, 0.3006



40.7683, 0.3253, 0.2576

Complementary

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



40.7683, 0.4044, 0.4263



19.4730, 0.2214, 0.2055

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.



40.7683, 0.2657, 0.2362



40.7683, 0.4044, 0.4263



40.7683, 0.2039, 0.2554

Square

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



40.7683, 0.4044, 0.4263



40.7683, 0.2398, 0.3630



40.7683, 0.2233, 0.2344



40.7683, 0.3869, 0.2943

Rectangle

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



40.7683, 0.4044, 0.4263



40.7683, 0.3113, 0.4317



40.7683, 0.2233, 0.2344



40.7683, 0.3042, 0.2486

Sweetspot

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



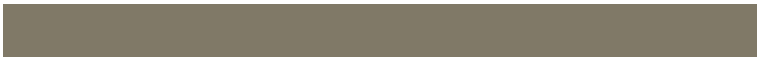
40.7702, 0.4044, 0.4263



89.1265, 0.3384, 0.3591



20.7983, 0.4207, 0.2933



19.2879, 0.3419, 0.3631



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.



40.7702, 0.4044, 0.4263



68.6009, 0.4256, 0.4436



48.5126, 0.3667, 0.4640



11.3092, 0.3271, 0.3461



20.8929, 0.4723, 0.4632



1.0080, 0.4581, 0.4745

Inverse Universe

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



19.4730, 0.2214, 0.2055



26.4508, 0.2006, 0.1727



15.5426, 0.2338, 0.1724



10.1564, 0.2984, 0.3113



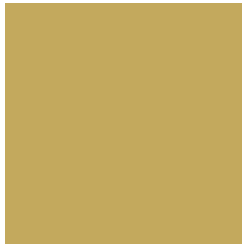
4.1458, 0.1588, 0.0915



0.2942, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 40.7683, 0.4044, 0.4263 looks on a white background.

Color Contrast Check

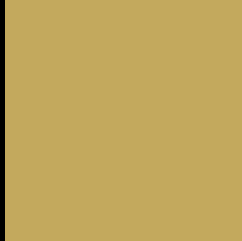
Large Text (above 18pt) WCAG AA × Fail

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 40.7683, 0.4044, 0.4263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

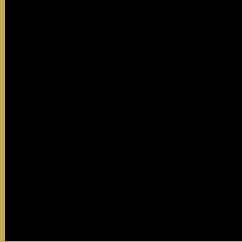
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7683, 0.4044, 0.4263

Background



This preview shows how black text looks on a background with the Yxy color 40.7683, 0.4044, 0.4263.



This preview shows how white text looks on a background with the Yxy color 40.7683, 0.4044, 0.4263.

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

40.7683, 0.4044, 0.4263

Protanopia

40.6253, 0.3953, 0.4303

Deuteranopia

40.5578, 0.4217, 0.4130



Tritanopia

40.6767, 0.3424, 0.3139

Trichromacy



Original Color

40.7683, 0.4044, 0.4263

Protanomaly

40.6340, 0.3990, 0.4279

Deuteranomaly

40.5558, 0.4153, 0.4171

Tritanomaly

40.3197, 0.3666, 0.3552

Monochromacy



Original Color

40.7683, 0.4044, 0.4263

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3933, 0.3461, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7683, 0.4044, 0.4263 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(195, 169, 93)` looks like.

```
.text, #text, p{  
    color:rgb(195, 169, 93)  
}
```

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(195, 169, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 169, 93) }
```

Border

The CSS property to change the border of an element to Yxy 40.7683, 0.4044, 0.4263 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(195, 169, 93) }
```

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

```
.border{ border-color:rgb(195, 169, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 169, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 169, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 169, 93);  
box-shadow:4px 4px 4px 4px rgb(195, 169,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7683, 0.4044, 0.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 169, 93) }
```

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

```
.background{ background-color: rgb(195,  
169, 93) }
```

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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