

Converting Colors

$Y_{xy}(40.9879, 0.4425, 0.4088)$

Have a look what the booklet for
Yxy(40.9879, 0.4425, 0.4088)
contains.

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Color

Yxy(41.0305, 0.4423, 0.4098)

Conversions

Conversions Part 1

Format	Color
Hex	DE9F58
RGB	222, 159, 88
RGB Percent	87%, 62%, 35%
CMY	0.1294, 0.3765, 0.6551
CMYK	0.00, 0.28, 0.60, 0.13
HSL	32°, 67%, 61%
HSV	32°, 60%, 87%
XYZ	44.2845, 41.0305, 14.8082
YIQ	169.7430, 60.3390, -8.7250

Conversions

Conversions Part 2

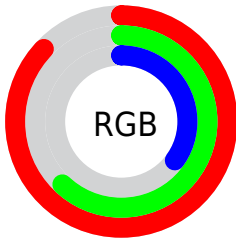
Format	Color
RYB	207, 222, 88
Decimal	14589784
CIELab	70.20, 16.08, 45.76
CIELCh	70, 48.508, 70.639
Yxy	41.0305, 0.4423, 0.4098
Android (android.graphics.Color)	4292779864 (0xFFDE9F58)
YUV	169.7430, -40.2993, 45.8294
Hunter-Lab	64.0551, 11.3097, 31.1319

Details

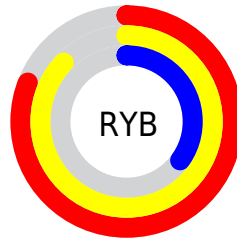
The Yxy color **41.0305, 0.4423, 0.4098** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **29.4679, 0.2157, 0.2249**, and the grayscale version is **40.2451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2466, 0.3975, 0.4045**, and **18.6516, 0.4752, 0.4258** is the 20% darker color. If you saturate the color by 10%, you get **37.2804, 0.4686, 0.4181**, and if you desaturate by 10%, it is **45.1996, 0.4162, 0.3984**.

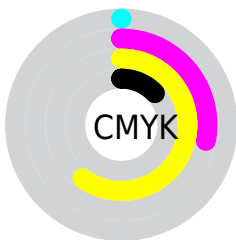
Distribution



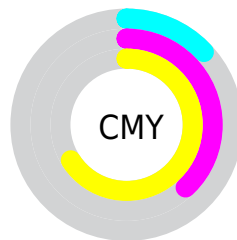
- Red (87%)
- Green (62%)
- Blue (35%)



- Red (81%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (13%)





- Cyan (13%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0305, 0.4423, 0.4098 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 41.0305, 0.4423, 0.4098 by changing the saturation by 10% instead.


 41.0305, 0.4423,
0.4098


 41.0305, 0.4423,
0.4098


350.4481, 0.3778,
0.3732

 28.3429, 0.4574,
0.4170

 76.7302, 0.4194,
0.3978

 18.5843, 0.4759,
0.4247


 100.5111, 0.4106,
0.3929


 11.3703, 0.4984,
0.4324


 128.7586, 0.4031,
0.3886

 6.3165, 0.5287,
0.4406

 161.8570, 0.3966,
0.3848

 3.0385, 0.5606,
0.4394

 200.1907, 0.3910,
0.3814

 1.1518, 0.5863,
0.4137

244.1442, 0.3860,

 0.0218, 0.9498,

0.3784

0.0502

294.1019, 0.3816,
0.3757

0.0000, 0.0000,
0.0000

41.0305, 0.4423,
0.4098

41.0305, 0.4423,
0.4098

37.2804, 0.4686,
0.4181

45.1996, 0.4162,
0.3984

33.9253, 0.4935,
0.4219

49.7980, 0.3914,
0.3851

30.9468, 0.5156,
0.4205

54.8431, 0.3685,
0.3709

28.4090, 0.5336,
0.4145

60.3489, 0.3478,
0.3566

66.3290, 0.3295,
0.3427

■ 72.7963, 0.3133,
0.3295

■ 79.7629, 0.2991,
0.3171

■ 86.5414, 0.2925,
0.3162

■ 92.9476, 0.2928,
0.3268

Harmonies

Analogous

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



41.0305, 0.4517, 0.3580



41.0305, 0.4423, 0.4098



41.0305, 0.3971, 0.4495

Triad

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



41.0305, 0.4423, 0.4098



41.0305, 0.2151, 0.3416



41.0305, 0.2805, 0.2310

Complementary

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



41.0305, 0.4423, 0.4098



29.4679, 0.2157, 0.2249

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.



41.0305, 0.2254, 0.2208



41.0305, 0.4423, 0.4098



41.0305, 0.1911, 0.2750

Square

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



41.0305, 0.4423, 0.4098



41.0305, 0.2655, 0.4144



41.0305, 0.1950, 0.2343



41.0305, 0.3518, 0.2612

Rectangle

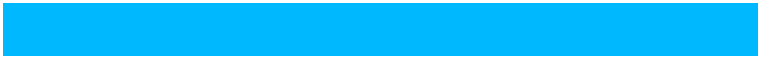
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.0305, 0.4423, 0.4098



41.0305, 0.3549, 0.4591



41.0305, 0.1950, 0.2343



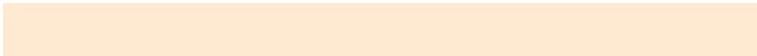
41.0305, 0.2596, 0.2252

Sweetspot

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



41.0325, 0.4423, 0.4098



84.3882, 0.3435, 0.3534



24.7949, 0.4061, 0.2559



17.5661, 0.3492, 0.3576



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.



41.0325, 0.4423, 0.4098



49.9873, 0.4742, 0.4193



68.1318, 0.3959, 0.4705



14.8972, 0.3279, 0.3414



17.0975, 0.5314, 0.4162



1.3640, 0.5095, 0.4337

Inverse Universe

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



29.4679, 0.2157, 0.2249



32.9237, 0.1991, 0.1995



14.4299, 0.1970, 0.1360



14.3002, 0.2981, 0.3162



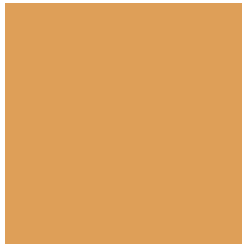
9.2729, 0.1746, 0.1485



0.8209, 0.1827, 0.1775

Previews

White Background



This preview shows how the Yxy color 41.0305, 0.4423, 0.4098 looks on a white background.

Color Contrast Check

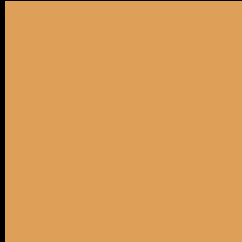
Large Text (above 18pt) WCAG AA × Fail

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 41.0305, 0.4423, 0.4098 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 41.0305, 0.4423, 0.4098

Background



This preview shows how black text looks on a background with the Yxy color 41.0305, 0.4423, 0.4098.



This preview shows how white text looks on a background with the Yxy color 41.0305, 0.4423, 0.4098.

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

41.0305, 0.4423, 0.4098

Protanopia

41.0966, 0.3972, 0.4333

Deuteranopia

41.0879, 0.4285, 0.4206



Tritanopia

40.9153, 0.3807, 0.3152

Trichromacy



Original Color

41.0305, 0.4423, 0.4098

Protanomaly

40.8103, 0.4133, 0.4239

Deuteranomaly

40.9759, 0.4339, 0.4168

Tritanomaly

40.7005, 0.4059, 0.3505

Monochromacy



Original Color

41.0305, 0.4423, 0.4098

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9847, 0.3584, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0305, 0.4423, 0.4098 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(222, 159, 88)` looks like.

```
.text, #text, p{  
    color:rgb(222, 159, 88)  
}
```

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(222, 159, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 159, 88) }
```

Border

The CSS property to change the border of an element to Yxy 41.0305, 0.4423, 0.4098 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(222, 159, 88) }
```

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

```
.border{ border-color:rgb(222, 159, 88) }
```

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

Here you see how a box with a 4 pixel rgb(222, 159, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 159, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 159, 88);  
box-shadow:4px 4px 4px 4px rgb(222, 159,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0305, 0.4423, 0.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 159, 88) }
```

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

```
.background{ background-color: rgb(222,  
159, 88) }
```

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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