

Converting Colors

$Y_{xy}(41.0501, 0.4176, 0.4517)$

Have a look what the booklet for
Yxy(41.0501, 0.4176, 0.4517)
contains.

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Color

Yxy(41.0501, 0.4176, 0.4517)

Conversions

Conversions Part 1

Format	Color
Hex	C2AB47
RGB	194, 171, 71
RGB Percent	76%, 67%, 28%
CMY	0.2391, 0.3294, 0.7217
CMYK	0.00, 0.12, 0.63, 0.24
HSL	49°, 50%, 52%
HSV	49°, 63%, 76%
XYZ	37.9511, 41.0501, 11.8779
YIQ	166.4770, 45.8080, -26.2240

Conversions

Conversions Part 2

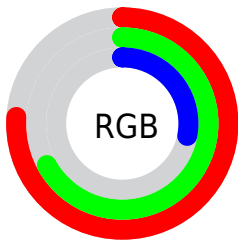
Format	Color
RYB	99, 194, 71
Decimal	12757831
CIELab	70.21, -3.41, 53.08
CIElCh	70, 53.186, 93.681
Yxy	41.0501, 0.4176, 0.4517
Android (android.graphics.Color)	4290947911 (0xFFC2AB47)
YUV	166.4770, -47.0702, 24.1377
Hunter-Lab	64.0704, -6.3913, 33.8576

Details

The Yxy color **41.0501, 0.4176, 0.4517** is a dark color, and the websafe version is hex **999933**. The color can be described as middle muted orange. A complement of this color would be **13.2366, 0.1985, 0.1608**, and the grayscale version is **38.5926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7054, 0.4010, 0.4315**, and **18.5437, 0.4398, 0.4800** is the 20% darker color. If you saturate the color by 10%, you get **39.4892, 0.4317, 0.4639**, and if you desaturate by 10%, it is **42.7321, 0.4016, 0.4359**.

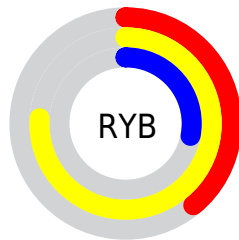
Distribution



Red (76%)

Green (67%)

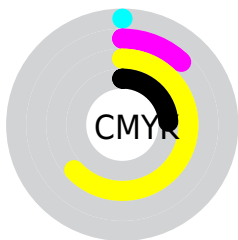
Blue (28%)



Red (39%)

Yellow (76%)

Blue (28%)

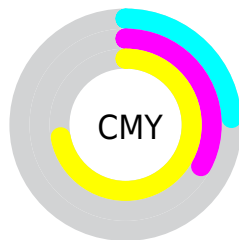


Cyan (0%)

Magenta (12%)

Yellow (63%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0501, 0.4176, 0.4517 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 41.0501, 0.4176, 0.4517 by changing the saturation by 10% instead.


 41.0501, 0.4176,
0.4517

 41.0501, 0.4176,
0.4517


350.5300, 0.3678,
0.3922


 28.3582, 0.4281,
0.4647


 76.7599, 0.4007,
0.4312


 18.5959, 0.4400,
0.4800


 100.5467, 0.3939,
0.4231

 11.3786, 0.4528,
0.4971


 128.8006, 0.3881,
0.4161

 6.3221, 0.4744,
0.5256

 161.9059, 0.3830,
0.4100

 3.0419, 0.4707,
0.5293

 200.2471, 0.3785,
0.4047

 1.1537, 0.4643,
0.5357

244.2086, 0.3745,

 0.0234, 0.0000,

0.4000

1.0000

294.1747, 0.3709,
0.3959

0.0000, 0.0000,
0.0000

41.0501, 0.4176,
0.4517

41.0501, 0.4176,
0.4517

39.4892, 0.4317,
0.4639

42.7321, 0.4016,
0.4359

38.0353, 0.4434,
0.4718

44.5364, 0.3846,
0.4175

36.6806, 0.4522,
0.4751

46.4714, 0.3671,
0.3974

35.8318, 0.4569,
0.4754

48.5430, 0.3499,
0.3766

50.7565, 0.3334,
0.3559

■ 53.1169, 0.3178,
0.3357

■ 55.6292, 0.3034,
0.3165

■ 58.2976, 0.2901,
0.2985

■ 61.1265, 0.2781,
0.2818

Harmonies

Analogous

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



41.0501, 0.4601, 0.4025



41.0501, 0.4176, 0.4517



41.0501, 0.3500, 0.4720

Triad

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



41.0501, 0.4176, 0.4517



41.0501, 0.1844, 0.2838



41.0501, 0.3364, 0.2464

Complementary

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



41.0501, 0.4176, 0.4517



13.2366, 0.1985, 0.1608

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.



41.0501, 0.2613, 0.2186



41.0501, 0.4176, 0.4517



41.0501, 0.1820, 0.2331

Square

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



41.0501, 0.4176, 0.4517



41.0501, 0.2166, 0.3618



41.0501, 0.2079, 0.2128



41.0501, 0.4131, 0.2912

Rectangle

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



41.0501, 0.4176, 0.4517



41.0501, 0.3004, 0.4564



41.0501, 0.2079, 0.2128



41.0501, 0.3098, 0.2349

Sweetspot

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



41.0520, 0.4176, 0.4517



89.5497, 0.3430, 0.3680



16.8105, 0.4731, 0.2990



19.3582, 0.3479, 0.3741



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.



41.0520, 0.4176, 0.4517



70.5108, 0.4365, 0.4674



46.2250, 0.3669, 0.4936



11.4276, 0.3269, 0.3476



23.6655, 0.4563, 0.4759



1.1073, 0.4466, 0.4836

Inverse Universe

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



13.2366, 0.1985, 0.1608



16.4893, 0.1765, 0.1225



11.5785, 0.2213, 0.1411



10.0461, 0.2983, 0.3097



3.4921, 0.1553, 0.0790



0.2453, 0.1663, 0.1186

Previews

White Background



This preview shows how the Yxy color 41.0501, 0.4176, 0.4517 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 41.0501, 0.4176, 0.4517 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 41.0501, 0.4176, 0.4517

Background



This preview shows how black text looks on a background with the Yxy color 41.0501, 0.4176, 0.4517.



This preview shows how white text looks on a background with the Yxy color 41.0501, 0.4176, 0.4517.

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

41.0501, 0.4176, 0.4517

Protanopia

41.0363, 0.4138, 0.4543

Deuteranopia

40.8216, 0.4415, 0.4318



Tritanopia

40.8553, 0.3424, 0.3127

Trichromacy



Original Color

41.0501, 0.4176, 0.4517

Protanomaly

41.1664, 0.4148, 0.4538

Deuteranomaly

40.8621, 0.4328, 0.4393

Tritanomaly

40.6079, 0.3739, 0.3655

Monochromacy



Original Color

41.0501, 0.4176, 0.4517

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.8741, 0.3531, 0.3813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0501, 0.4176, 0.4517 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(194, 171, 71)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 71)  
}
```

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(194, 171, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 71) }
```

Border

The CSS property to change the border of an element to Yxy 41.0501, 0.4176, 0.4517 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(194, 171, 71) }
```

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

```
.border{ border-color:rgb(194, 171, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 171, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 71);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0501, 0.4176, 0.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 71) }
```

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

```
.background{ background-color: rgb(194,  
171, 71) }
```

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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