

Converting Colors

$Y_{xy}(41.3709, 0.4066, 0.4361)$

Have a look what the booklet for
Yxy(41.3709, 0.4066, 0.4361)
contains.

Yxy(41.2833, 0.4066, 0.4356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.2833, 0.4066, 0.4356)

Conversions

Conversions Part 1

Format	Color
Hex	C2AB57
RGB	194, 171, 87
RGB Percent	76%, 67%, 34%
CMY	0.2391, 0.3294, 0.6588
CMYK	0.00, 0.12, 0.55, 0.24
HSL	47°, 47%, 55%
HSV	47°, 55%, 76%
XYZ	38.5349, 41.2833, 14.9552
YIQ	168.3010, 40.6720, -21.2480

Conversions

Conversions Part 2

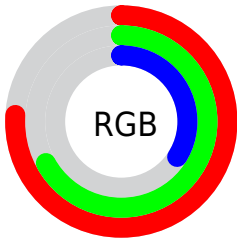
Format	Color
RYB	116, 194, 87
Decimal	12757847
CIELab	70.37, -2.24, 45.73
CIELCh	70, 45.785, 92.803
Yxy	41.2833, 0.4066, 0.4356
Android (android.graphics.Color)	4290947927 (0xFFC2AB57)
YUV	168.3010, -40.0814, 22.5380
Hunter-Lab	64.2521, -5.3866, 31.1762

Details

The Yxy color **41.2833, 0.4066, 0.4356** is a light color, and the websafe version is hex **999933**. The color can be described as light muted orange. A complement of this color would be **17.0797, 0.2147, 0.1905**, and the grayscale version is **39.5016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1394, 0.3911, 0.4170**, and **18.7305, 0.4290, 0.4615** is the 20% darker color. If you saturate the color by 10%, you get **39.4577, 0.4232, 0.4504**, and if you desaturate by 10%, it is **43.2478, 0.3889, 0.4180**.

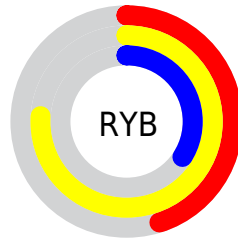
Distribution



Red (76%)

Green (67%)

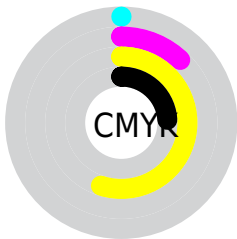
Blue (34%)



Red (45%)

Yellow (76%)

Blue (34%)

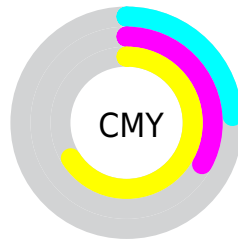


Cyan (0%)

Magenta (12%)

Yellow (55%)

Black (24%)



Cyan (24%)


Magenta (33%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2833, 0.4066, 0.4356 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 41.2833, 0.4066, 0.4356 by changing the saturation by 10% instead.


 41.2833, 0.4066,
0.4356


 41.2833, 0.4066,
0.4356


351.5033, 0.3610,
0.3832


 28.5405, 0.4168,
0.4476


 77.1138, 0.3907,
0.4172


 18.7335, 0.4290,
0.4621


 100.9702, 0.3845,
0.4100


 11.4779, 0.4431,
0.4794


 129.3001, 0.3792,
0.4039

 6.3892, 0.4614,
0.5021

 162.4876, 0.3746,
0.3986

 3.0832, 0.4765,
0.5235

 200.9173, 0.3705,
0.3940

 1.1753, 0.4724,
0.5276

244.9736, 0.3669,

 0.0414, 0.0000,

0.3899

1.0000

295.0408, 0.3638,
0.3864

0.0000, 0.0000,
0.0000

41.2833, 0.4066,
0.4356

41.2833, 0.4066,
0.4356

39.4577, 0.4232,
0.4504

43.2478, 0.3889,
0.4180

37.7577, 0.4380,
0.4616

45.3520, 0.3709,
0.3987

36.1767, 0.4502,
0.4683

47.6040, 0.3533,
0.3786

34.7043, 0.4595,
0.4703

50.0094, 0.3363,
0.3584

34.0202, 0.4634,
0.4702

52.5734, 0.3204,
0.3388

■ 55.3009, 0.3058,
0.3201

■ 58.1967, 0.2924,
0.3025

■ 61.2652, 0.2802,
0.2861

■ 64.0767, 0.2730,
0.2777

Harmonies

Analogous

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



41.2833, 0.4413, 0.3941



41.2833, 0.4066, 0.4356



41.2833, 0.3486, 0.4511

Triad

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



41.2833, 0.4066, 0.4356



41.2833, 0.2007, 0.2929



41.2833, 0.3316, 0.2556

Complementary

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



41.2833, 0.4066, 0.4356



17.0797, 0.2147, 0.1905

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.



41.2833, 0.2668, 0.2313



41.2833, 0.4066, 0.4356



41.2833, 0.1974, 0.2471

Square

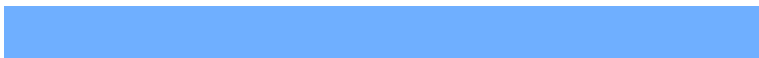
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.2833, 0.4066, 0.4356



41.2833, 0.2307, 0.3597



41.2833, 0.2200, 0.2273



41.2833, 0.3974, 0.2953

Rectangle

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



41.2833, 0.4066, 0.4356



41.2833, 0.3053, 0.4376



41.2833, 0.2200, 0.2273



41.2833, 0.3088, 0.2455

Sweetspot

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



41.2852, 0.4066, 0.4356



89.6415, 0.3398, 0.3627



19.4191, 0.4385, 0.2989



19.4325, 0.3433, 0.3668



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.



41.2852, 0.4066, 0.4356



70.8736, 0.4262, 0.4529



47.1399, 0.3641, 0.4732



11.3787, 0.3270, 0.3470



22.4864, 0.4627, 0.4708



1.0655, 0.4512, 0.4799

Inverse Universe

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



17.0797, 0.2147, 0.1905



22.8663, 0.1936, 0.1559



14.5179, 0.2338, 0.1653



10.0914, 0.2983, 0.3104



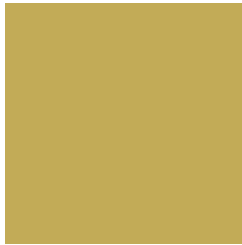
3.7370, 0.1566, 0.0837



0.2654, 0.1684, 0.1263

Previews

White Background



This preview shows how the Yxy color 41.2833, 0.4066, 0.4356 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 41.2833, 0.4066, 0.4356 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 41.2833, 0.4066, 0.4356

Background



This preview shows how black text looks on a background with the Yxy color 41.2833, 0.4066, 0.4356.



This preview shows how white text looks on a background with the Yxy color 41.2833, 0.4066, 0.4356.

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

41.2833, 0.4066, 0.4356

Protanopia

41.1403, 0.4019, 0.4385

Deuteranopia

41.1211, 0.4269, 0.4186



Tritanopia

41.1023, 0.3403, 0.3127

Trichromacy



Original Color

41.2833, 0.4066, 0.4356

Protanomaly

41.2695, 0.4029, 0.4381

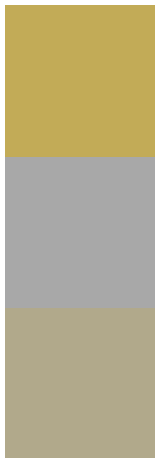
Deuteranomaly

41.3211, 0.4196, 0.4254

Tritanomaly

41.0054, 0.3668, 0.3591

Monochromacy



Original Color

41.2833, 0.4066, 0.4356

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.5871, 0.3466, 0.3711

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2833, 0.4066, 0.4356 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, 87)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 87)  
}
```

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, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 87) }
```

Border

The CSS property to change the border of an element to Yxy 41.2833, 0.4066, 0.4356 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, 87) }
```

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

```
.border{ border-color:rgb(194, 171, 87) }
```

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, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 87);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2833, 0.4066, 0.4356 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, 87) }
```

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

```
.background{ background-color: rgb(194,  
171, 87) }
```

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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