

Converting Colors

$Y_{xy}(41.0355, 0.3927, 0.4335)$

Have a look what the booklet for
Yxy(41.0355, 0.3927, 0.4335)
contains.

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Color

Yxy(41.1344, 0.3921, 0.4334)

Conversions

Conversions Part 1

Format	Color
Hex	BAAD5E
RGB	186, 173, 94
RGB Percent	73%, 68%, 37%
CMY	0.2705, 0.3216, 0.6315
CMYK	0.00, 0.07, 0.49, 0.27
HSL	52°, 40%, 55%
HSV	52°, 49%, 73%
XYZ	37.2146, 41.1344, 16.5620
YIQ	167.8810, 33.1070, -21.8130

Conversions

Conversions Part 2

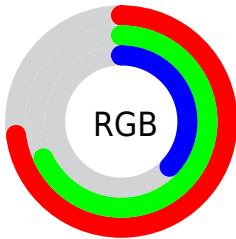
Format	Color
RYB	109, 186, 94
Decimal	12234078
CIELab	70.27, -6.07, 41.98
CIELCh	70, 42.416, 98.223
Yxy	41.1344, 0.3921, 0.4334
Android (android.graphics.Color)	4290424158 (0xFFBAAD5E)
YUV	167.8810, -36.4233, 15.8904
Hunter-Lab	64.1361, -8.6647, 29.5847

Details

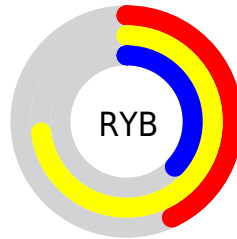
The Yxy color **41.1344, 0.3921, 0.4334** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **16.4360, 0.2235, 0.1961**, and the grayscale version is **39.2668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7952, 0.3790, 0.4143**, and **18.6819, 0.4117, 0.4619** is the 20% darker color. If you saturate the color by 10%, you get **39.8434, 0.4073, 0.4510**, and if you desaturate by 10%, it is **42.5296, 0.3759, 0.4135**.

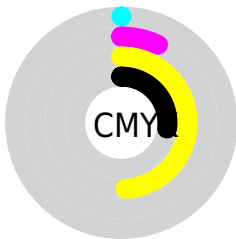
Distribution



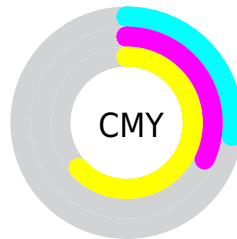
- Red (73%)
- Green (68%)
- Blue (37%)



- Red (43%)
- Yellow (73%)
- Blue (37%)



- Cyan (0%)
- Magenta (7%)
- Yellow (49%)
- Black (27%)




- Cyan (27%)
- Magenta (32%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1344, 0.3921, 0.4334 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 41.1344, 0.3921, 0.4334 by changing the saturation by 10% instead.

 41.1344, 0.3921,
0.4334


 41.1344, 0.3921,
0.4334


350.8820, 0.3535,
0.3810

 28.4241, 0.4008,
0.4460


 76.8879, 0.3786,
0.4146


 18.6456, 0.4113,
0.4615


 100.6999, 0.3734,
0.4074

 11.4145, 0.4236,
0.4808


 128.9812, 0.3688,
0.4013

 6.3464, 0.4378,
0.5054

 162.1163, 0.3649,
0.3961

 3.0568, 0.4577,
0.5423

200.4895, 0.3615,
0.3916

 1.1615, 0.4462,
0.5538

244.4853, 0.3585,

 0.0299, 0.0000,

0.3876

1.0000

294.4880, 0.3559,
0.3841

■ 0.0000, 0.0000,
0.0000

■ 41.1344, 0.3921,
0.4334

■ 41.1344, 0.3921,
0.4334

■ 39.8434, 0.4073,
0.4510

■ 42.5296, 0.3759,
0.4135

■ 38.6447, 0.4207,
0.4653

■ 44.0285, 0.3593,
0.3922

■ 37.5336, 0.4319,
0.4756


■ 45.6381, 0.3428,
0.3704


■ 36.5020, 0.4403,
0.4815

■ 47.3629, 0.3269,
0.3488

■ 35.5350, 0.4463,
0.4835


■ 49.2073, 0.3120,
0.3279

 35.4853, 0.4466,
0.4836

 51.1753, 0.2980,
0.3082

 53.2707, 0.2852,
0.2897

 55.4971, 0.2736,
0.2726

 57.4399, 0.2666,
0.2632

Harmonies

Analogous

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



41.1344, 0.4290, 0.3986



41.1344, 0.3921, 0.4334



41.1344, 0.3359, 0.4402

Triad

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



41.1344, 0.3921, 0.4334



41.1344, 0.2055, 0.2865



41.1344, 0.3421, 0.2661

Complementary

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



41.1344, 0.3921, 0.4334



16.4360, 0.2235, 0.1961

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.



41.1344, 0.2801, 0.2402



41.1344, 0.3921, 0.4334



41.1344, 0.2067, 0.2476

Square

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



41.1344, 0.3921, 0.4334



41.1344, 0.2295, 0.3459



41.1344, 0.2324, 0.2329



41.1344, 0.4005, 0.3057

Rectangle

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



41.1344, 0.3921, 0.4334



41.1344, 0.2956, 0.4223



41.1344, 0.2324, 0.2329



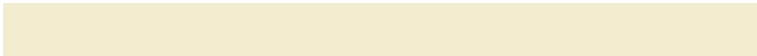
41.1344, 0.3208, 0.2557

Sweetspot

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



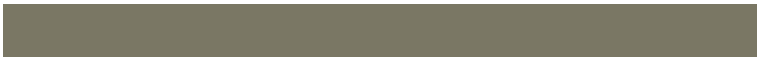
41.1363, 0.3921, 0.4334



84.0081, 0.3360, 0.3612



19.5197, 0.4281, 0.3101



18.3560, 0.3394, 0.3658



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1363, 0.3921, 0.4334



72.0976, 0.4080, 0.4518



42.7800, 0.3543, 0.4612



10.2811, 0.3267, 0.3485



23.9536, 0.4462, 0.4839



0.9044, 0.4383, 0.4902

Inverse Universe

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



16.4360, 0.2235, 0.1961



22.4151, 0.2031, 0.1632



15.9968, 0.2502, 0.1862



8.9188, 0.2984, 0.3088



2.9583, 0.1535, 0.0727



0.1701, 0.1639, 0.1101

Previews

White Background



This preview shows how the Yxy color 41.1344, 0.3921, 0.4334 looks on a white background.

Color Contrast Check

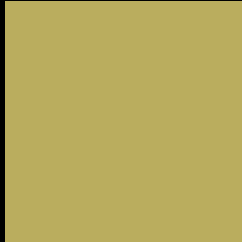
Large Text (above 18pt) WCAG AA × Fail

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 41.1344, 0.3921, 0.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

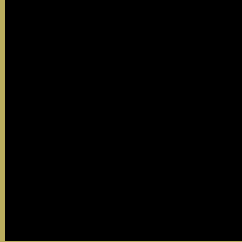
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1344, 0.3921, 0.4334

Background



This preview shows how black text looks on a background with the Yxy color 41.1344, 0.3921, 0.4334.



This preview shows how white text looks on a background with the Yxy color 41.1344, 0.3921, 0.4334.

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

41.1344, 0.3921, 0.4334

Protanopia

41.1320, 0.3957, 0.4310

Deuteranopia

41.0971, 0.4203, 0.4116



Tritanopia

41.1548, 0.3304, 0.3136

Trichromacy



Original Color

41.1344, 0.3921, 0.4334

Protanomaly

41.0046, 0.3947, 0.4314

Deuteranomaly

40.8812, 0.4101, 0.4195

Tritanomaly

40.7891, 0.3545, 0.3571

Monochromacy



Original Color

41.1344, 0.3921, 0.4334

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7865, 0.3426, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1344, 0.3921, 0.4334 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(186, 173, 94)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 94)  
}
```

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(186, 173, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 94) }
```

Border

The CSS property to change the border of an element to Yxy 41.1344, 0.3921, 0.4334 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(186, 173, 94) }
```

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

```
.border{ border-color:rgb(186, 173, 94) }
```

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

Here you see how a box with a 4 pixel rgb(186, 173, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 94);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1344, 0.3921, 0.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 94) }
```

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

```
.background{ background-color: rgb(186,  
173, 94) }
```

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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