

Converting Colors

Yxy(41.9352, 0.3461, 0.3778)

Have a look what the booklet for
Yxy(41.9352, 0.3461, 0.3778)
contains.

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Color

Yxy(41.9890, 0.3460, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	B2AF8B
RGB	178, 175, 139
RGB Percent	70%, 69%, 55%
CMY	0.3019, 0.3137, 0.4549
CMYK	0.00, 0.02, 0.22, 0.30
HSL	55°, 20%, 62%
HSV	55°, 22%, 70%
XYZ	38.3532, 41.9890, 30.5052
YIQ	171.7930, 13.3440, -10.5600

Conversions

Conversions Part 2

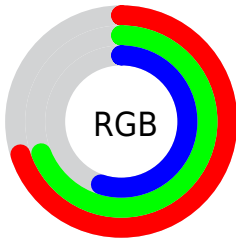
Format	Color
RYB	142, 178, 139
Decimal	11710347
CIELab	70.86, -4.93, 18.90
CIELCh	71, 19.529, 104.625
Yxy	41.9890, 0.3460, 0.3788
Android (android.graphics.Color)	4289900427 (0xFFB2AF8B)
YUV	171.7930, -16.1669, 5.4435
Hunter-Lab	64.7989, -7.7475, 17.4475

Details

The Yxy color **41.9890, 0.3460, 0.3788** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.0533, 0.2768, 0.2738**, and the grayscale version is **41.2249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9363, 0.3397, 0.3685**, and **19.2472, 0.3551, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **40.9783, 0.3617, 0.4018**, and if you desaturate by 10%, it is **43.0937, 0.3305, 0.3557**.

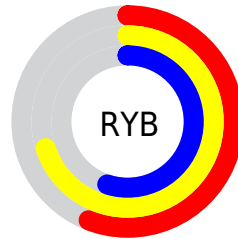
Distribution



Red (70%)

Green (69%)

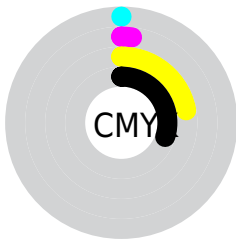
Blue (55%)



Red (56%)

Yellow (70%)

Blue (55%)

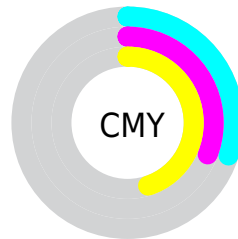


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (30%)



Cyan (30%)


Magenta (31%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9890, 0.3460, 0.3788 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 41.9890, 0.3460, 0.3788 by changing the saturation by 10% instead.


 41.9890, 0.3460,
0.3788


 41.9890, 0.3460,
0.3788

354.4373, 0.3293,
0.3533


 29.0927, 0.3502,
0.3854


 78.1830, 0.3399,
0.3694

 19.1509, 0.3555,
0.3939


 102.2494, 0.3376,
0.3659

 11.7794, 0.3625,
0.4053


 130.8080, 0.3357,
0.3629

 6.5936, 0.3720,
0.4216

164.2432, 0.3341,
0.3604

 3.2093, 0.3856,
0.4459

202.9393, 0.3326,
0.3583

 1.2420, 0.4548,
0.5452

247.2808, 0.3314,

 0.0956, 0.0000,

0.3564

1.0000

297.6520, 0.3303,
0.3547

0.0000, 0.0000,
0.0000

41.9890, 0.3460,
0.3788

41.9890, 0.3460,
0.3788

40.9783, 0.3617,
0.4018

43.0937, 0.3305,
0.3557

40.0518, 0.3772,
0.4240

44.2905, 0.3155,
0.3332

39.2070, 0.3917,
0.4443

45.5851, 0.3014,
0.3117

38.4389, 0.4048,
0.4620

46.9807, 0.2882,
0.2915

37.7422, 0.4158,
0.4761

48.4805, 0.2761,
0.2728

■ 37.1106, 0.4244,
0.4861

■ 50.0878, 0.2651,
0.2555

■ 36.5367, 0.4302,
0.4918

■ 51.2386, 0.2599,
0.2480

■ 36.1031, 0.4335,
0.4940

■ 51.8167, 0.2601,
0.2496

■ 52.4005, 0.2603,
0.2513

Harmonies

Analogous

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



41.9890, 0.3644, 0.3679



41.9890, 0.3460, 0.3788



41.9890, 0.3191, 0.3756

Triad

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



41.9890, 0.3460, 0.3788



41.9890, 0.2599, 0.3063



41.9890, 0.3330, 0.3024

Complementary

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



41.9890, 0.3460, 0.3788



28.0533, 0.2768, 0.2738

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.



41.9890, 0.3043, 0.2874



41.9890, 0.3460, 0.3788



41.9890, 0.2631, 0.2886

Square

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



41.9890, 0.3460, 0.3788



41.9890, 0.2700, 0.3318



41.9890, 0.2790, 0.2822



41.9890, 0.3570, 0.3240

Rectangle

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



41.9890, 0.3460, 0.3788



41.9890, 0.3003, 0.3651



41.9890, 0.2790, 0.2822



41.9890, 0.3235, 0.2965

Sweetspot

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



41.9909, 0.3460, 0.3788



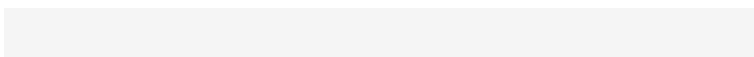
79.1476, 0.3232, 0.3448



29.8904, 0.3527, 0.3244



17.5070, 0.3241, 0.3461



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.9909, 0.3460, 0.3788



75.2771, 0.3531, 0.3893



41.3692, 0.3301, 0.3854



9.7918, 0.3265, 0.3498



25.8670, 0.4333, 0.4941



0.8470, 0.4290, 0.4976

Inverse Universe

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



28.0533, 0.2768, 0.2738



45.7711, 0.2683, 0.2606



28.6714, 0.2922, 0.2716



8.3324, 0.2985, 0.3073



2.5592, 0.1517, 0.0660



0.1152, 0.1584, 0.0902

Previews

White Background



This preview shows how the Yxy color 41.9890, 0.3460, 0.3788 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 41.9890, 0.3460, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

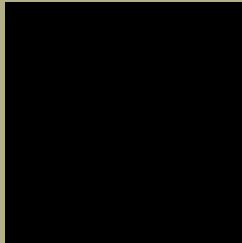
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9890, 0.3460, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 41.9890, 0.3460, 0.3788.



This preview shows how white text looks on a background with the Yxy color 41.9890, 0.3460, 0.3788.

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

41.9890, 0.3460, 0.3788

Protanopia

41.9125, 0.3532, 0.3767

Deuteranopia

41.9780, 0.3690, 0.3627



Tritanopia

41.9437, 0.3153, 0.3119

Trichromacy



Original Color

41.9890, 0.3460, 0.3788

Protanomaly

42.0522, 0.3509, 0.3783

Deuteranomaly

41.9804, 0.3611, 0.3688

Tritanomaly

41.8241, 0.3270, 0.3358

Monochromacy



Original Color

41.9890, 0.3460, 0.3788

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4239, 0.3245, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9890, 0.3460, 0.3788 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(178, 175, 139)` looks like.

```
.text, #text, p{  
    color:rgb(178, 175, 139)  
}
```

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(178, 175, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 175, 139) }
```

Border

The CSS property to change the border of an element to Yxy 41.9890, 0.3460, 0.3788 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(178, 175, 139) }
```

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

```
.border{ border-color:rgb(178, 175, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 175, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 175, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 175, 139);  
box-shadow:4px 4px 4px 4px rgb(178, 175,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9890, 0.3460, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 175, 139) }
```

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

```
.background{ background-color: rgb(178,  
175, 139) }
```

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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