

Converting Colors

$Y_{xy}(41.8893, 0.3734, 0.4293)$

Have a look what the booklet for
Yxy(41.8893, 0.3734, 0.4293)
contains.

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Color

Yxy(41.7909, 0.3733, 0.4291)

Conversions

Conversions Part 1

Format	Color
Hex	B1B168
RGB	177, 177, 104
RGB Percent	69%, 69%, 41%
CMY	0.3058, 0.3059, 0.5922
CMYK	0.00, 0.00, 0.41, 0.31
HSL	60°, 32%, 55%
HSV	60°, 41%, 69%
XYZ	36.3564, 41.7909, 19.2447
YIQ	168.6780, 23.4330, -22.7030

Conversions

Conversions Part 2

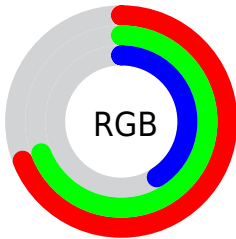
Format	Color
RYB	104, 177, 104
Decimal	11645288
CIELab	70.73, -10.87, 37.29
CIELCh	71, 38.840, 106.249
Yxy	41.7909, 0.3733, 0.4291
Android (android.graphics.Color)	4289835368 (0xFFB1B168)
YUV	168.6780, -31.8863, 7.2984
Hunter-Lab	64.6459, -12.7430, 27.6019

Details

The Yxy color **41.7909, 0.3733, 0.4291** is a light color, and the websafe version is hex **999966**. A complement of this color would be **16.0232, 0.2374, 0.2045**, and the grayscale version is **39.6629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1706, 0.3633, 0.4111**, and **19.1540, 0.3873, 0.4582** is the 20% darker color. If you saturate the color by 10%, you get **41.4673, 0.3864, 0.4507**, and if you desaturate by 10%, it is **42.1939, 0.3590, 0.4056**.

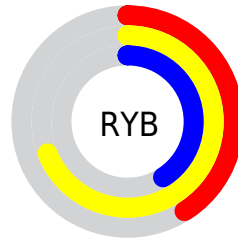
Distribution



Red (69%)

Green (69%)

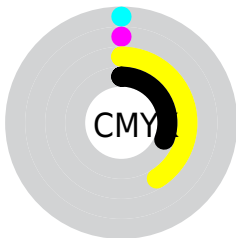
Blue (41%)



Red (41%)

Yellow (69%)

Blue (41%)

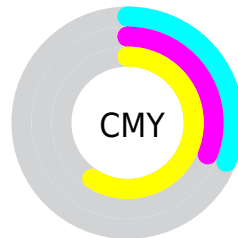


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7909, 0.3733, 0.4291 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 41.7909, 0.3733, 0.4291 by changing the saturation by 10% instead.


 41.7909, 0.3733,
0.4291


 41.7909, 0.3733,
0.4291

353.6154, 0.3440,
0.3779


 28.9376, 0.3799,
0.4419


 77.8831, 0.3631,
0.4104


 19.0336, 0.3879,
0.4581


 101.8907, 0.3591,
0.4034

 11.6946, 0.3973,
0.4791


 130.3853, 0.3557,
0.3975

 6.5361, 0.4078,
0.5067


 163.7511, 0.3527,
0.3924

 3.1737, 0.4343,
0.5657

202.3727, 0.3501,
0.3880

 1.2231, 0.4139,
0.5861

246.6343, 0.3478,

 0.0804, 0.0000,

0.3842

1.0000

296.9204, 0.3458,
0.3809

■ 0.0000, 0.0000,
0.0000

■ 41.7909, 0.3733,
0.4291

■ 41.7909, 0.3733,
0.4291

■ 41.4673, 0.3864,
0.4507

■ 42.1939, 0.3590,
0.4056

■ 41.2125, 0.3977,
0.4693

■ 42.6748, 0.3442,
0.3810

■ 41.0231, 0.4068,
0.4844

■ 43.2396, 0.3292,
0.3562

■ 40.8932, 0.4134,
0.4953


■ 43.8920, 0.3145,
0.3320


■ 40.8155, 0.4174,
0.5019


■ 44.6356, 0.3005,
0.3088

 40.7772, 0.4194,
0.5052

 45.4737, 0.2873,
0.2869

 46.4094, 0.2750,
0.2667

 47.4458, 0.2637,
0.2481

 48.0384, 0.2582,
0.2389

Harmonies

Analogous

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



41.7909, 0.4127, 0.4036



41.7909, 0.3733, 0.4291



41.7909, 0.3196, 0.4249

Triad

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



41.7909, 0.3733, 0.4291



41.7909, 0.2121, 0.2790



41.7909, 0.3551, 0.2800

Complementary

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



41.7909, 0.3733, 0.4291



16.0232, 0.2374, 0.2045

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.



41.7909, 0.2976, 0.2520



41.7909, 0.3733, 0.4291



41.7909, 0.2193, 0.2487

Square

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



41.7909, 0.3733, 0.4291



41.7909, 0.2283, 0.3292



41.7909, 0.2490, 0.2404



41.7909, 0.4036, 0.3192

Rectangle

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



41.7909, 0.3733, 0.4291



41.7909, 0.2833, 0.4023



41.7909, 0.2490, 0.2404



41.7909, 0.3359, 0.2691

Sweetspot

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



41.7928, 0.3733, 0.4291



77.3124, 0.3306, 0.3586



20.2738, 0.4143, 0.3275



16.7258, 0.3325, 0.3617



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.7928, 0.3733, 0.4291



74.2629, 0.3859, 0.4499



38.1807, 0.3394, 0.4417



9.9061, 0.3263, 0.3515



29.5349, 0.4194, 0.5052



0.9295, 0.4194, 0.5052

Inverse Universe

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



16.0232, 0.2374, 0.2045



21.5279, 0.2170, 0.1707



18.5889, 0.2738, 0.2158



8.2307, 0.2985, 0.3055



2.3012, 0.1500, 0.0600



0.0726, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 41.7909, 0.3733, 0.4291 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 41.7909, 0.3733, 0.4291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

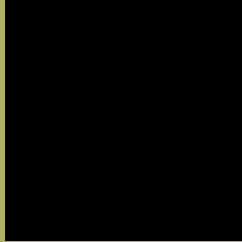
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7909, 0.3733, 0.4291

Background



This preview shows how black text looks on a background with the Yxy color 41.7909, 0.3733, 0.4291.



This preview shows how white text looks on a background with the Yxy color 41.7909, 0.3733, 0.4291.

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

41.7909, 0.3733, 0.4291

Protanopia

41.6852, 0.3880, 0.4214

Deuteranopia

41.5271, 0.4092, 0.4008



Tritanopia

41.7806, 0.3181, 0.3120

Trichromacy



Original Color

41.7909, 0.3733, 0.4291

Protanomaly

41.5657, 0.3835, 0.4240

Deuteranomaly

41.2869, 0.3957, 0.4104

Tritanomaly

41.4930, 0.3394, 0.3535

Monochromacy



Original Color

41.7909, 0.3733, 0.4291

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.3200, 0.3358, 0.3671

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7909, 0.3733, 0.4291 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(177, 177, 104)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 104)  
}
```

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(177, 177, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 104) }
```

Border

The CSS property to change the border of an element to Yxy 41.7909, 0.3733, 0.4291 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(177, 177, 104) }
```

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

```
.border{ border-color:rgb(177, 177, 104) }
```

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

Here you see how a box with a 4 pixel rgb(177, 177, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 104);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7909, 0.3733, 0.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 104) }
```

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

```
.background{ background-color: rgb(177,  
177, 104) }
```

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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