

Converting Colors

$Y_{xy}(41.5272, 0.3702, 0.3892)$

Have a look what the booklet for
Yxy(41.5272, 0.3702, 0.3892)
contains.

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Color

Yxy(41.5793, 0.3704, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	BEAB7E
RGB	190, 171, 126
RGB Percent	75%, 67%, 49%
CMY	0.2548, 0.3294, 0.5058
CMYK	0.00, 0.10, 0.34, 0.25
HSL	42°, 33%, 62%
HSV	42°, 34%, 75%
XYZ	39.5708, 41.5793, 25.6826
YIQ	171.5510, 25.7690, -9.9670

Conversions

Conversions Part 2

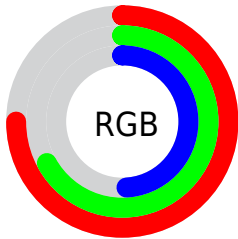
Format	Color
RYB	153, 190, 126
Decimal	12495742
CIELab	70.58, 0.16, 25.70
CIELCh	71, 25.703, 89.643
Yxy	41.5793, 0.3704, 0.3892
Android (android.graphics.Color)	4290685822 (0xFFBEAB7E)
YUV	171.5510, -22.4566, 16.1798
Hunter-Lab	64.4820, -3.3030, 21.5228

Details

The Yxy color **41.5793, 0.3704, 0.3892** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.4233, 0.2567, 0.2603**, and the grayscale version is **41.1252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4215, 0.3598, 0.3780**, and **18.9497, 0.3879, 0.4071** is the 20% darker color. If you saturate the color by 10%, you get **39.0465, 0.3900, 0.4070**, and if you desaturate by 10%, it is **44.3004, 0.3517, 0.3709**.

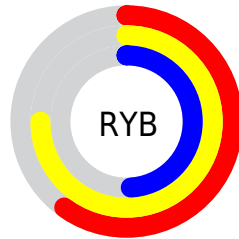
Distribution



Red (75%)

Green (67%)

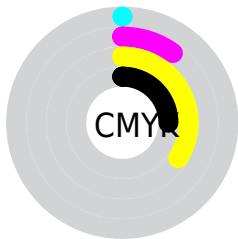
Blue (49%)



Red (60%)

Yellow (75%)

Blue (49%)

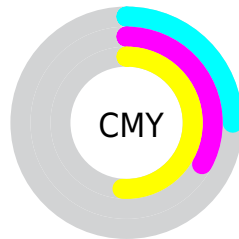


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5793, 0.3704, 0.3892 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 41.5793, 0.3704, 0.3892 by changing the saturation by 10% instead.


 41.5793, 0.3704,
0.3892

 41.5793, 0.3704,
0.3892


352.7360, 0.3413,
0.3588

 28.7720, 0.3776,
0.3967


 77.5625, 0.3598,
0.3782

 18.9084, 0.3869,
0.4063


 101.5072, 0.3558,
0.3740

 11.6041, 0.3989,
0.4189


 129.9332, 0.3525,
0.3705

 6.4747, 0.4151,
0.4357

163.2249, 0.3496,
0.3675

 3.1358, 0.4391,
0.4605

201.7666, 0.3471,
0.3649

 1.2031, 0.4884,
0.5116

245.9427, 0.3449,

 0.0642, 0.5028,

0.3626

0.4972

296.1377, 0.3430,
0.3606

0.0000, 0.0000,
0.0000

41.5793, 0.3704,
0.3892

41.5793, 0.3704,
0.3892

39.0465, 0.3900,
0.4070

44.3004, 0.3517,
0.3709

36.6899, 0.4099,
0.4234

47.2101, 0.3343,
0.3528

34.5044, 0.4295,
0.4374

50.3159, 0.3182,
0.3352


32.4824, 0.4477,
0.4479

53.6231, 0.3037,
0.3186

30.6150, 0.4637,
0.4539

57.1369, 0.2906,
0.3031

 28.8922, 0.4767,
0.4551

 60.8619, 0.2789,
0.2888

 27.8674, 0.4839,
0.4540

 64.5402, 0.2707,
0.2796

 67.3904, 0.2713,
0.2861

 70.3403, 0.2719,
0.2925

Harmonies

Analogous

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



41.5793, 0.3865, 0.3669



41.5793, 0.3704, 0.3892



41.5793, 0.3391, 0.3959

Triad

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



41.5793, 0.3704, 0.3892



41.5793, 0.2483, 0.3143



41.5793, 0.3203, 0.2834

Complementary

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



41.5793, 0.3704, 0.3892



28.4233, 0.2567, 0.2603

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.



41.5793, 0.2836, 0.2699



41.5793, 0.3704, 0.3892



41.5793, 0.2439, 0.2853

Square

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



41.5793, 0.3704, 0.3892



41.5793, 0.2690, 0.3506



41.5793, 0.2564, 0.2701



41.5793, 0.3568, 0.3074

Rectangle

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



41.5793, 0.3704, 0.3892



41.5793, 0.3143, 0.3888



41.5793, 0.2564, 0.2701



41.5793, 0.3075, 0.2775

Sweetspot

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



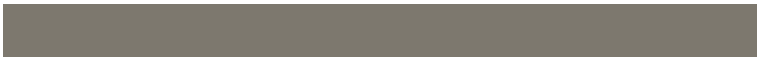
41.5812, 0.3704, 0.3892



87.4610, 0.3284, 0.3465



27.9277, 0.3668, 0.3028



19.0323, 0.3308, 0.3490



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.5812, 0.3704, 0.3892



72.0918, 0.3840, 0.4017



47.7224, 0.3513, 0.4153



10.6282, 0.3271, 0.3451



18.6650, 0.4828, 0.4548



0.8400, 0.4643, 0.4696

Inverse Universe

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



28.4233, 0.2567, 0.2603



44.8472, 0.2441, 0.2432



24.1175, 0.2647, 0.2332



9.6755, 0.2984, 0.3124



4.5069, 0.1614, 0.1011



0.2944, 0.1754, 0.1515

Previews

White Background



This preview shows how the Yxy color 41.5793, 0.3704, 0.3892 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 41.5793, 0.3704, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

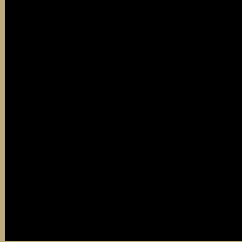
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5793, 0.3704, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 41.5793, 0.3704, 0.3892.



This preview shows how white text looks on a background with the Yxy color 41.5793, 0.3704, 0.3892.

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

41.5793, 0.3704, 0.3892

Protanopia

41.7337, 0.3638, 0.3915

Deuteranopia

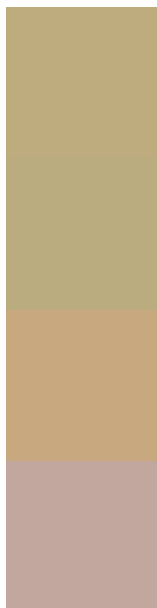
41.6421, 0.3855, 0.3789



Tritanopia

41.4610, 0.3314, 0.3124

Trichromacy



Original Color

41.5793, 0.3704, 0.3892

Protanomaly

41.6021, 0.3661, 0.3898

Deuteranomaly

41.6797, 0.3797, 0.3824

Tritanomaly

41.5754, 0.3463, 0.3409

Monochromacy



Original Color

41.5793, 0.3704, 0.3892

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4553, 0.3337, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5793, 0.3704, 0.3892 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(190, 171, 126)` looks like.

```
.text, #text, p{  
    color:rgb(190, 171, 126)  
}
```

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(190, 171, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 171, 126) }
```

Border

The CSS property to change the border of an element to Yxy 41.5793, 0.3704, 0.3892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

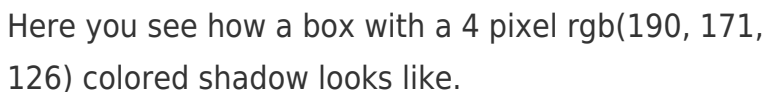
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 171, 126) }
```

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

```
.border{ border-color:rgb(190, 171, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 171, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 171, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 171, 126); box-shadow:4px 4px 4px 4px rgb(190, 171, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5793, 0.3704, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 171, 126) }
```

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

```
.background{ background-color: rgb(190,  
171, 126) }
```

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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