

Converting Colors

$Y_{xy}(41.9399, 0.3904, 0.4492)$

Have a look what the booklet for
Yxy(41.9399, 0.3904, 0.4492)
contains.

Yxy(41.9399, 0.3904, 0.4492) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(41.9399, 0.3904, 0.4492)

Conversions

| Conversions Part 1 | |
|--------------------|-----------------------------|
| Format | Color |
| Hex | B5B156 |
| RGB | 181, 177, 86 |
| RGB Percent | 71%, 69%, 34% |
| CMY | 0.2904, 0.3058, 0.6628 |
| CMYK | 0.00, 0.02, 0.52, 0.29 |
| HSL | 58°, 39%, 52% |
| HSV | 58°, 52%, 71% |
| XYZ | 36.4500, 41.9399, 14.9759 |
| YIQ | 167.8220, 31.5950, -27.4530 |

Conversions

Conversions Part 2

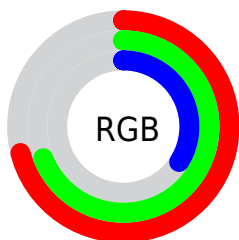
| Format | Color |
|-------------------------------------|--|
| RYB | 90, 181, 86 |
| Decimal | 11907414 |
| CIELab | 70.83, -11.00, 46.47 |
| CIELCh | 71, 47.752, 103.319 |
| Yxy | 41.9399, 0.3904, 0.4492 |
| Android (android.graphics.Color) | 4290097494 (0xFFB5B156) |
| YUV | 167.8220, -40.3382, 11.5571 |
| Hunter-Lab | 64.7610, -12.8651, 31.6220 |

Details

The Yxy color $41.9399, 0.3904, 0.4492$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $12.6129, 0.2146, 0.1711$, and the grayscale version is $39.2538, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8989, 0.3786, 0.4271$, and $19.2242, 0.4069, 0.4817$ is the 20% darker color. If you saturate the color by 10%, you get $41.3905, 0.4025, 0.4671$, and if you desaturate by 10%, it is $42.5686, 0.3767, 0.4284$.

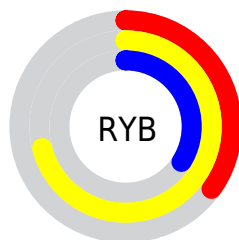
Distribution



Red (71%)

Green (69%)

Blue (34%)



Red (35%)

Yellow (71%)

Blue (34%)

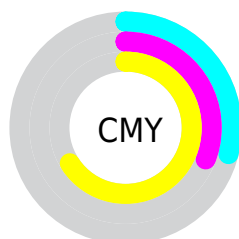


Cyan (0%)

Magenta (2%)

Yellow (52%)

Black (29%)



Cyan (29%)


Magenta (31%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9399, 0.3904, 0.4492 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 41.9399, 0.3904, 0.4492 by changing the saturation by 10% instead.


 41.9399, 0.3904,
0.4492


 41.9399, 0.3904,
0.4492

354.2337, 0.3537,
0.3887


 29.0542, 0.3982,
0.4637


 78.1087, 0.3779,
0.4275


 19.1219, 0.4072,
0.4815


 102.1605, 0.3729,
0.4192


 11.7584, 0.4169,
0.5034

 130.7033, 0.3686,
0.4122

 6.5794, 0.4286,
0.5335

 164.1213, 0.3648,
0.4062

 3.2005, 0.4338,
0.5662

 202.7989, 0.3615,
0.4009

 1.2373, 0.4132,
0.5868


247.1206, 0.3586,


 0.0918, 0.0000,


0.3963


1.0000


297.4708, 0.3560,
0.3923


 0.0000, 0.0000,
0.0000


 41.9399, 0.3904,
0.4492


 41.9399, 0.3904,
0.4492


 41.3905, 0.4025,
0.4671


 42.5686, 0.3767,
0.4284


 40.9090, 0.4123,
0.4813


 43.2760, 0.3618,
0.4057


 40.4907, 0.4197,
0.4913


 44.0685, 0.3465,
0.3820

 40.1279, 0.4244,
0.4971


 44.9506, 0.3312,
0.3581


 39.8796, 0.4267,
0.4994

 45.9261, 0.3163,
0.3347

 46.9989, 0.3021,
0.3122

 48.1724, 0.2888,
0.2911

 49.4500, 0.2766,
0.2715

 50.8350, 0.2653,
0.2535

Harmonies

Analogous

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



41.9399, 0.4369, 0.4126



41.9399, 0.3904, 0.4492



41.9399, 0.3260, 0.4514

Triad

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



41.9399, 0.3904, 0.4492



41.9399, 0.1928, 0.2717



41.9399, 0.3573, 0.2660

Complementary

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



41.9399, 0.3904, 0.4492



12.6129, 0.2146, 0.1711

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.



41.9399, 0.2871, 0.2348



41.9399, 0.3904, 0.4492



41.9399, 0.1989, 0.2340

Square

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



41.9399, 0.3904, 0.4492



41.9399, 0.2139, 0.3350



41.9399, 0.2311, 0.2229



41.9399, 0.4198, 0.3109

Rectangle

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



41.9399, 0.3904, 0.4492



41.9399, 0.2818, 0.4263



41.9399, 0.2311, 0.2229



41.9399, 0.3334, 0.2537

Sweetspot

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



41.9418, 0.3904, 0.4492



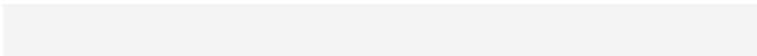
79.9308, 0.3370, 0.3671



17.2236, 0.4545, 0.3228



17.2068, 0.3401, 0.3720



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.



41.9418, 0.3904, 0.4492



74.0256, 0.4042, 0.4696



39.1240, 0.3473, 0.4732



9.8450, 0.3264, 0.3506



27.5328, 0.4266, 0.4995



0.8848, 0.4244, 0.5012

Inverse Universe

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



12.6129, 0.2146, 0.1711



15.8083, 0.1917, 0.1332



14.6343, 0.2561, 0.1813



8.2848, 0.2985, 0.3065



2.4376, 0.1509, 0.0632



0.0953, 0.1546, 0.0766

Previews

White Background



This preview shows how the Yxy color 41.9399, 0.3904, 0.4492 looks on a white background.

Color Contrast Check

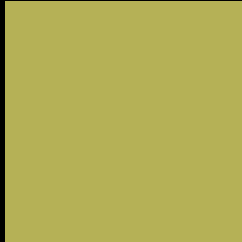
Large Text (above 18pt) WCAG AA × Fail

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 41.9399, 0.3904, 0.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

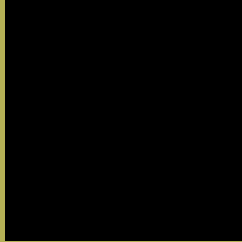
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9399, 0.3904, 0.4492

Background



This preview shows how black text looks on a background with the Yxy color 41.9399, 0.3904, 0.4492.



This preview shows how white text looks on a background with the Yxy color 41.9399, 0.3904, 0.4492.

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

41.9399, 0.3904, 0.4492

Protanopia

41.7495, 0.4046, 0.4408

Deuteranopia

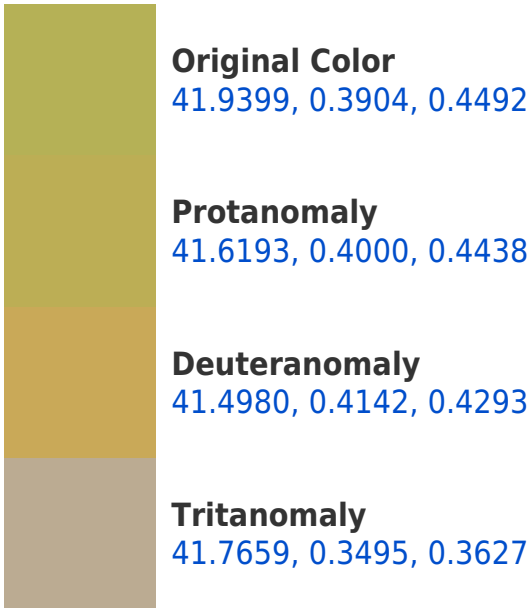
41.7777, 0.4281, 0.4189



Tritanopia

41.8799, 0.3227, 0.3122

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9399, 0.3904, 0.4492 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(181, 177, 86)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 86)  
}
```

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(181, 177, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 86) }
```

Border

The CSS property to change the border of an element to Yxy 41.9399, 0.3904, 0.4492 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(181, 177, 86) }
```

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

```
.border{ border-color:rgb(181, 177, 86) }
```

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

Here you see how a box with a 4 pixel rgb(181, 177, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 86);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9399, 0.3904, 0.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 86) }
```

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

```
.background{ background-color: rgb(181,  
177, 86) }
```

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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