

Converting Colors

$Y_{xy}(35.9576, 0.4100, 0.4450)$

Have a look what the booklet for
Yxy(35.9576, 0.4100, 0.4450)
contains.

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Color

Yxy(35.8079, 0.4104, 0.4449)

Conversions

Conversions Part 1

Format	Color
Hex	B5A14A
RGB	181, 161, 74
RGB Percent	71%, 63%, 29%
CMY	0.2903, 0.3686, 0.7099
CMYK	0.00, 0.11, 0.59, 0.29
HSL	49°, 42%, 50%
HSV	49°, 59%, 71%
XYZ	33.0312, 35.8079, 11.6462
YIQ	157.0620, 39.8470, -22.8170

Conversions

Conversions Part 2

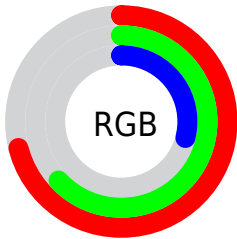
Format	Color
R _{YB}	99, 181, 74
Decimal	11903306
CIE Lab	66.37, -3.52, 47.08
CIE LCh	66, 47.216, 94.279
Yxy	35.8079, 0.4104, 0.4449
Android (android.graphics.Color)	4290093386 (0xFFB5A14A)
YUV	157.0620, -40.9496, 20.9936
Hunter-Lab	59.8397, -6.1885, 30.3486

Details

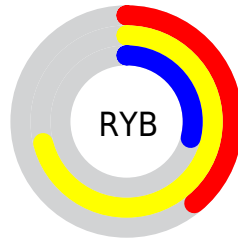
The Yxy color **35.8079, 0.4104, 0.4449** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.7846, 0.2068, 0.1744**, and the grayscale version is **33.9195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9688, 0.3932, 0.4242**, and **15.5698, 0.4327, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **34.4358, 0.4254, 0.4588**, and if you desaturate by 10%, it is **37.2853, 0.3939, 0.4278**.

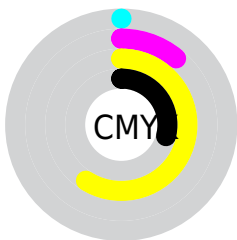
Distribution



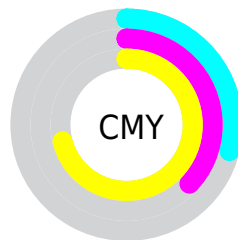
- Red (71%)
- Green (63%)
- Blue (29%)



- Red (39%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (11%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (37%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8079, 0.4104, 0.4449 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 35.8079, 0.4104, 0.4449 by changing the saturation by 10% instead.


 35.8079, 0.4104,
0.4449


 35.8079, 0.4104,
0.4449


328.1201, 0.3623,
0.3867

 24.2859, 0.4211,
0.4584


 68.7355, 0.3937,
0.4242


 15.5458, 0.4336,
0.4746


 90.9098, 0.3871,
0.4163


 9.2033, 0.4475,
0.4936

 117.4037, 0.3815,
0.4095

 4.8741, 0.4727,
0.5273

 148.6015, 0.3766,
0.4037

 2.1736, 0.4682,
0.5318

 184.8876, 0.3723,
0.3986

 0.7055, 0.4531,
0.5469

226.6465, 0.3686,

 0.0000, 0.0000,

0.3941

0.0000

274.2626, 0.3653,
0.3902

■ 35.8079, 0.4104,
0.4449

■ 35.8079, 0.4104,
0.4449

■ 34.4358, 0.4254,
0.4588

■ 37.2853, 0.3939,
0.4278

■ 33.1577, 0.4382,
0.4688

■ 38.8688, 0.3767,
0.4086

■ 31.9675, 0.4483,
0.4742

■ 40.5651, 0.3594,
0.3882

■ 30.8516, 0.4559,
0.4756

■ 42.3791, 0.3425,
0.3675

■ 30.7552, 0.4565,
0.4757

■ 44.3151, 0.3265,
0.3470

■ 46.3773, 0.3114,
0.3273

■ 48.5696, 0.2976,
0.3087

■ 50.8957, 0.2849,
0.2913

■ 53.3591, 0.2735,
0.2752

Harmonies

Analogous

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



35.8079, 0.4501, 0.4002



35.8079, 0.4104, 0.4449



35.8079, 0.3471, 0.4613

Triad

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



35.8079, 0.4104, 0.4449



35.8079, 0.1919, 0.2863



35.8079, 0.3365, 0.2521

Complementary

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



35.8079, 0.4104, 0.4449



12.7846, 0.2068, 0.1744

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.



35.8079, 0.2661, 0.2254



35.8079, 0.4104, 0.4449



35.8079, 0.1900, 0.2390

Square

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



35.8079, 0.4104, 0.4449



35.8079, 0.2221, 0.3581



35.8079, 0.2152, 0.2198



35.8079, 0.4073, 0.2949

Rectangle

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



35.8079, 0.4104, 0.4449



35.8079, 0.3006, 0.4455



35.8079, 0.2152, 0.2198



35.8079, 0.3118, 0.2412

Sweetspot

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



35.8096, 0.4104, 0.4449



76.2039, 0.3412, 0.3658



15.5488, 0.4552, 0.3001



16.2627, 0.3459, 0.3717



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.



35.8096, 0.4104, 0.4449



60.9768, 0.4296, 0.4623



39.9071, 0.3646, 0.4830



9.6318, 0.3268, 0.3474



21.3044, 0.4560, 0.4761



0.7401, 0.4441, 0.4856

Inverse Universe

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



12.7846, 0.2068, 0.1744



16.1477, 0.1844, 0.1366



11.2996, 0.2292, 0.1547



8.4781, 0.2985, 0.3099



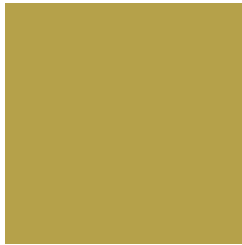
3.1560, 0.1554, 0.0794



0.1756, 0.1687, 0.1274

Previews

White Background



This preview shows how the Yxy color 35.8079, 0.4104, 0.4449 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 35.8079, 0.4104, 0.4449 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 35.8079, 0.4104, 0.4449

Background



This preview shows how black text looks on a background with the Yxy color 35.8079, 0.4104, 0.4449.



This preview shows how white text looks on a background with the Yxy color 35.8079, 0.4104, 0.4449.

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

35.8079, 0.4104, 0.4449

Protanopia

35.9188, 0.4075, 0.4470

Deuteranopia

35.7751, 0.4334, 0.4258



Tritanopia

35.5964, 0.3399, 0.3130

Trichromacy



Original Color

35.8079, 0.4104, 0.4449

Protanomaly

36.0384, 0.4086, 0.4465

Deuteranomaly

35.8284, 0.4244, 0.4337

Tritanomaly

35.5205, 0.3680, 0.3624

Monochromacy



Original Color

35.8079, 0.4104, 0.4449

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0930, 0.3498, 0.3752

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8079, 0.4104, 0.4449 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, 161, 74)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 74)  
}
```

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, 161, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 74) }
```

Border

The CSS property to change the border of an element to Yxy 35.8079, 0.4104, 0.4449 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, 161, 74) }
```

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

```
.border{ border-color:rgb(181, 161, 74) }
```

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

Here you see how a box with a 4 pixel rgb(181, 161, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 74);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8079, 0.4104, 0.4449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 74) }
```

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

```
.background{ background-color: rgb(181,  
161, 74) }
```

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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