

Converting Colors

$Y_{xy}(41.6470, 0.3520, 0.3924)$

Have a look what the booklet for
Yxy(41.6470, 0.3520, 0.3924)
contains.

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Color

Yxy(41.5018, 0.3518, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	B0AF82
RGB	176, 175, 130
RGB Percent	69%, 69%, 51%
CMY	0.3098, 0.3137, 0.4903
CMYK	0.00, 0.01, 0.26, 0.31
HSL	59°, 23%, 60%
HSV	59°, 26%, 69%
XYZ	37.2648, 41.5018, 27.1594
YIQ	170.1690, 15.0410, -13.7830

Conversions

Conversions Part 2

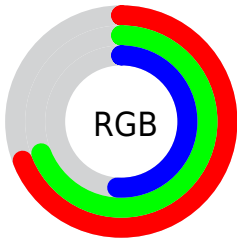
Format	Color
RYB	131, 176, 130
Decimal	11579266
CIELab	70.53, -7.01, 23.29
CIElCh	71, 24.317, 106.745
Yxy	41.5018, 0.3518, 0.3918
Android (android.graphics.Color)	4289769346 (0xFFB0AF82)
YUV	170.1690, -19.8033, 5.1138
Hunter-Lab	64.4219, -9.4852, 20.0994

Details

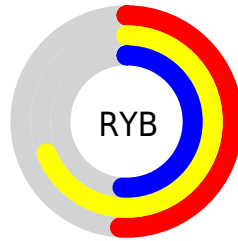
The Yxy color **41.5018, 0.3518, 0.3918** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.1104, 0.2686, 0.2574**, and the grayscale version is **40.3832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1683, 0.3449, 0.3796**, and **18.9561, 0.3628, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **40.9207, 0.3667, 0.4156**, and if you desaturate by 10%, it is **42.1679, 0.3366, 0.3675**.

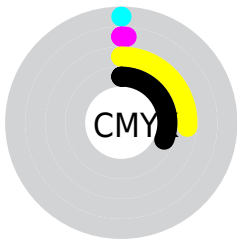
Distribution



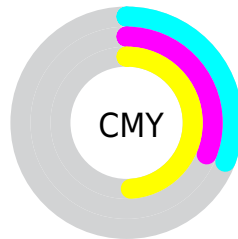
- Red (69%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (26%)
- Black (31%)





- Cyan (31%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5018, 0.3518, 0.3918 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 41.5018, 0.3518, 0.3918 by changing the saturation by 10% instead.


 41.5018, 0.3518,
0.3918

 41.5018, 0.3518,
0.3918


352.4135, 0.3323,
0.3595

 28.7114, 0.3566,
0.4001


 77.4451, 0.3448,
0.3799

 18.8626, 0.3626,
0.4109


 101.3667, 0.3421,
0.3754

 11.5710, 0.3704,
0.4254


 129.7675, 0.3398,
0.3717

 6.4523, 0.3808,
0.4457

163.0320, 0.3379,
0.3685

 3.1220, 0.3948,
0.4761

201.5444, 0.3362,
0.3658

 1.1958, 0.4402,
0.5598

245.6892, 0.3348,

 0.0582, 0.0000,

0.3634

1.0000

295.8508, 0.3335,
0.3613

■ 0.0000, 0.0000,
0.0000

■ 41.5018, 0.3518,
0.3918

■ 41.5018, 0.3518,
0.3918

■ 40.9207, 0.3667,
0.4156

■ 42.1679, 0.3366,
0.3675

■ 40.4149, 0.3808,
0.4380

■ 42.9172, 0.3217,
0.3434

■ 39.9818, 0.3936,
0.4580

■ 43.7552, 0.3073,
0.3202

■ 39.6165, 0.4044,
0.4748

■ 44.6853, 0.2936,
0.2981

■ 39.3133, 0.4128,
0.4876

■ 45.7106, 0.2810,
0.2776

■ 39.0659, 0.4187,
0.4963

■ 46.8342, 0.2693,
0.2586

■ 38.8657, 0.4221,
0.5009

■ 48.0590, 0.2586,
0.2412

■ 38.7942, 0.4232,
0.5022

■ 48.3285, 0.2576,
0.2399

■ 48.4824, 0.2577,
0.2404

Harmonies

Analogous

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



41.5018, 0.3761, 0.3785



41.5018, 0.3518, 0.3918



41.5018, 0.3178, 0.3869

Triad

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



41.5018, 0.3518, 0.3918



41.5018, 0.2471, 0.2982



41.5018, 0.3404, 0.2977

Complementary

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



41.5018, 0.3518, 0.3918



24.1104, 0.2686, 0.2574

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.



41.5018, 0.3044, 0.2787



41.5018, 0.3518, 0.3918



41.5018, 0.2522, 0.2776

Square

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



41.5018, 0.3518, 0.3918



41.5018, 0.2583, 0.3297



41.5018, 0.2726, 0.2712



41.5018, 0.3698, 0.3244

Rectangle

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



41.5018, 0.3518, 0.3918



41.5018, 0.2945, 0.3729



41.5018, 0.2726, 0.2712



41.5018, 0.3285, 0.2903

Sweetspot

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



41.5037, 0.3518, 0.3918



77.5430, 0.3246, 0.3482



26.8452, 0.3656, 0.3269



16.7601, 0.3268, 0.3517



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.



41.5037, 0.3518, 0.3918



74.6748, 0.3599, 0.4047



39.5890, 0.3312, 0.3975



9.8740, 0.3264, 0.3510



28.4716, 0.4231, 0.5022



0.9058, 0.4220, 0.5031

Inverse Universe

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



24.1104, 0.2686, 0.2574



38.1026, 0.2579, 0.2400



25.7198, 0.2898, 0.2600



8.2590, 0.2985, 0.3060



2.3728, 0.1505, 0.0617



0.0845, 0.1525, 0.0689

Previews

White Background



This preview shows how the Yxy color 41.5018, 0.3518, 0.3918 looks on a white background.

Color Contrast Check

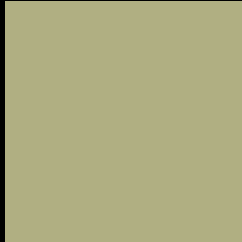
Large Text (above 18pt) WCAG AA × Fail

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 41.5018, 0.3518, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

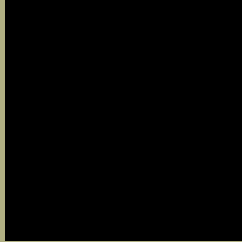
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

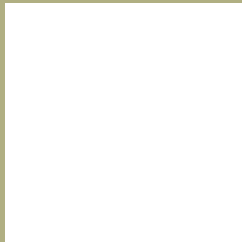
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5018, 0.3518, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 41.5018, 0.3518, 0.3918.



This preview shows how white text looks on a background with the Yxy color 41.5018, 0.3518, 0.3918.

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

41.5018, 0.3518, 0.3918

Protanopia

41.4043, 0.3624, 0.3875

Deuteranopia

41.2727, 0.3803, 0.3715



Tritanopia

41.4087, 0.3153, 0.3119

Trichromacy



Original Color

41.5018, 0.3518, 0.3918

Protanomaly

41.4172, 0.3591, 0.3894

Deuteranomaly

41.3521, 0.3696, 0.3795

Tritanomaly

41.4378, 0.3287, 0.3413

Monochromacy



Original Color

41.5018, 0.3518, 0.3918

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.6423, 0.3271, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5018, 0.3518, 0.3918 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(176, 175, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 130)  
}
```

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(176, 175, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 130) }
```

Border

The CSS property to change the border of an element to Yxy 41.5018, 0.3518, 0.3918 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(176, 175, 130) }
```

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

```
.border{ border-color:rgb(176, 175, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5018, 0.3518, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 130) }
```

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

```
.background{ background-color: rgb(176,  
175, 130) }
```

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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