

Converting Colors

$Yxy(41.5013, 0.3808, 0.4761)$

Have a look what the booklet for
Yxy(41.5013, 0.3808, 0.4761)
contains.

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Color

Yxy(41.5150, 0.3812, 0.4765)

Conversions

Conversions Part 1

Format	Color
Hex	A5B548
RGB	165, 181, 72
RGB Percent	65%, 71%, 28%
CMY	0.3529, 0.2902, 0.7175
CMYK	0.09, 0.00, 0.60, 0.29
HSL	69°, 43%, 50%
HSV	69°, 60%, 71%
XYZ	33.2120, 41.5150, 12.3979
YIQ	163.7900, 25.4530, -37.2910

Conversions

Conversions Part 2

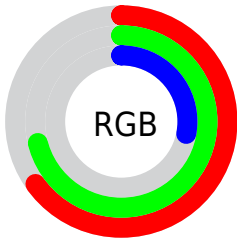
Format	Color
RYB	72, 181, 88
Decimal	10859848
CIELab	70.54, -20.82, 52.26
CIELCh	71, 56.257, 111.725
Yxy	41.5150, 0.3812, 0.4765
Android (android.graphics.Color)	4289049928 (0xFFA5B548)
YUV	163.7900, -45.2525, 1.0612
Hunter-Lab	64.4321, -20.7471, 33.6941

Details

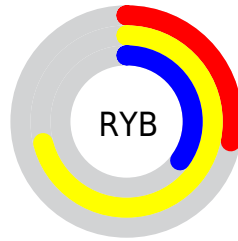
The Yxy color **41.5150, 0.3812, 0.4765** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.0507, 0.2110, 0.1444**, and the grayscale version is **37.2319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5786, 0.3713, 0.4492**, and **18.7850, 0.3919, 0.5174** is the 20% darker color. If you saturate the color by 10%, you get **41.0323, 0.3879, 0.4950**, and if you desaturate by 10%, it is **42.0770, 0.3723, 0.4547**.

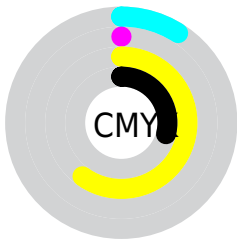
Distribution



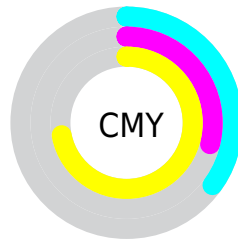
- Red (65%)
- Green (71%)
- Blue (28%)



- Red (28%)
- Yellow (71%)
- Blue (35%)



- Cyan (9%)
- Magenta (0%)
- Yellow (60%)
- Black (29%)





- Cyan (35%)
- Magenta (29%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5150, 0.3812, 0.4765 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 41.5150, 0.3812, 0.4765 by changing the saturation by 10% instead.

 41.5150, 0.3812,
0.4765

 41.5150, 0.3812,
0.4765

352.4685, 0.3508,
0.4011


 28.7217, 0.3866,
0.4947

 77.4651, 0.3715,
0.4493

 18.8704, 0.3920,
0.5171


 101.3906, 0.3674,
0.4390

 11.5767, 0.3961,
0.5448


 129.7958, 0.3638,
0.4302

 6.4561, 0.4052,
0.5923

 163.0648, 0.3606,
0.4227

 3.1244, 0.3831,
0.6169

 201.5822, 0.3577,
0.4162

 1.1970, 0.3340,
0.6660

245.7324, 0.3551,

 0.0593, 0.0000,

0.4105

1.0000

295.8997, 0.3528,
0.4055

■ 0.0000, 0.0000,
0.0000

■ 41.5150, 0.3812,
0.4765

■ 41.5150, 0.3812,
0.4765

■ 41.0323, 0.3879,
0.4950

■ 42.0770, 0.3723,
0.4547

■ 40.6168, 0.3922,
0.5094

■ 42.7181, 0.3617,
0.4306

■ 40.2630, 0.3940,
0.5193

■ 43.4452, 0.3500,
0.4051

■ 39.9611, 0.3937,
0.5256

■ 44.2630, 0.3377,
0.3793

■ 45.1758, 0.3252,
0.3539

■ 46.1873, 0.3130,
0.3295

■ 47.3015, 0.3011,
0.3065

■ 48.5218, 0.2900,
0.2852

■ 49.8515, 0.2795,
0.2656

Harmonies

Analogous

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



41.5150, 0.4442, 0.4382



41.5150, 0.3812, 0.4765



41.5150, 0.3041, 0.4670

Triad

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



41.5150, 0.3812, 0.4765



41.5150, 0.1736, 0.2452



41.5150, 0.3880, 0.2689

Complementary

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



41.5150, 0.3812, 0.4765



10.0507, 0.2110, 0.1444

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.



41.5150, 0.3040, 0.2287



41.5150, 0.3812, 0.4765



41.5150, 0.1890, 0.2124

Square

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



41.5150, 0.3812, 0.4765



41.5150, 0.1879, 0.3110



41.5150, 0.2331, 0.2084



41.5150, 0.4541, 0.3224

Rectangle

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



41.5150, 0.3812, 0.4765



41.5150, 0.2550, 0.4266



41.5150, 0.2331, 0.2084



41.5150, 0.3602, 0.2536

Sweetspot

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



41.5169, 0.3812, 0.4765



79.5697, 0.3354, 0.3744



17.0374, 0.4834, 0.3490



17.1012, 0.3389, 0.3818



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.



41.5169, 0.3812, 0.4765



73.2502, 0.3895, 0.4997



36.9609, 0.3324, 0.5041



9.8422, 0.3241, 0.3517



27.5710, 0.3940, 0.5253



0.8847, 0.4015, 0.5194

Inverse Universe

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



10.0507, 0.2110, 0.1444



12.0332, 0.1876, 0.1068



13.6414, 0.2690, 0.1695



8.2880, 0.3007, 0.3056



2.4758, 0.1567, 0.0637



0.0965, 0.1781, 0.0755

Previews

White Background



This preview shows how the Yxy color 41.5150, 0.3812, 0.4765 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 41.5150, 0.3812, 0.4765 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 41.5150, 0.3812, 0.4765

Background



This preview shows how black text looks on a background with the Yxy color 41.5150, 0.3812, 0.4765.



This preview shows how white text looks on a background with the Yxy color 41.5150, 0.3812, 0.4765.

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

41.5150, 0.3812, 0.4765

Protanopia

41.5358, 0.4146, 0.4557

Deuteranopia

41.2329, 0.4378, 0.4293



Tritanopia

41.5155, 0.3082, 0.3116

Trichromacy



Original Color

41.5150, 0.3812, 0.4765

Protanomaly

41.4507, 0.4018, 0.4633

Deuteranomaly

40.9932, 0.4177, 0.4458

Tritanomaly

41.1395, 0.3380, 0.3725

Monochromacy



Original Color

41.5150, 0.3812, 0.4765

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.2807, 0.3407, 0.3861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5150, 0.3812, 0.4765 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(165, 181, 72)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 72)  
}
```

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(165, 181, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 72) }
```

Border

The CSS property to change the border of an element to Yxy 41.5150, 0.3812, 0.4765 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(165, 181, 72) }
```

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

```
.border{ border-color:rgb(165, 181, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 181, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 181, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 181, 72);  
box-shadow:4px 4px 4px 4px rgb(165, 181,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5150, 0.3812, 0.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 72) }
```

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

```
.background{ background-color: rgb(165,  
181, 72) }
```

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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