

Converting Colors

$Y_{xy}(26.0747, 0.3840, 0.4666)$

Have a look what the booklet for
Yxy(26.0747, 0.3840, 0.4666)
contains.

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Color

Yxy(25.9910, 0.3848, 0.4663)

Conversions

Conversions Part 1

Format	Color
Hex	8A913D
RGB	138, 145, 61
RGB Percent	54%, 57%, 24%
CMY	0.4588, 0.4314, 0.7608
CMYK	0.05, 0.00, 0.58, 0.43
HSL	65°, 41%, 40%
HSV	65°, 58%, 57%
XYZ	21.4483, 25.9910, 8.2995
YIQ	133.3310, 22.7920, -27.6080

Conversions

Conversions Part 2

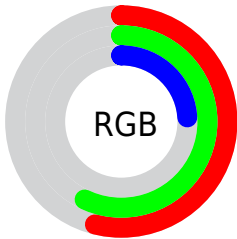
Format	Color
RYB	61, 145, 68
Decimal	9081149
CIELab	58.03, -14.68, 42.84
CIELCh	58, 45.282, 108.918
Yxy	25.9910, 0.3848, 0.4663
Android (android.graphics.Color)	4287271229 (0xFF8A913D)
YUV	133.3310, -35.6592, 4.0947
Hunter-Lab	50.9814, -14.1210, 26.0348

Details

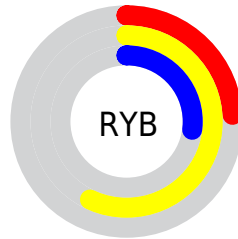
The Yxy color **25.9910, 0.3848, 0.4663** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.6099, 0.2113, 0.1525**, and the grayscale version is **23.7089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3542, 0.3718, 0.4376**, and **10.1782, 0.4006, 0.5117** is the 20% darker color. If you saturate the color by 10%, you get **25.7539, 0.3933, 0.4844**, and if you desaturate by 10%, it is **26.2739, 0.3744, 0.4452**.

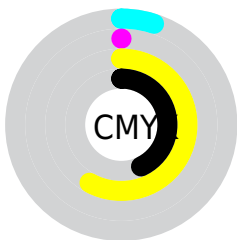
Distribution



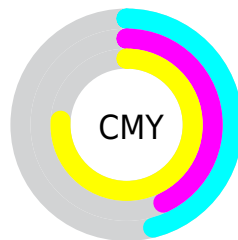
- Red (54%)
- Green (57%)
- Blue (24%)



- Red (24%)
- Yellow (57%)
- Blue (27%)



- Cyan (5%)
- Magenta (0%)
- Yellow (58%)
- Black (43%)





- Cyan (46%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9910, 0.3848, 0.4663 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 25.9910, 0.3848, 0.4663 by changing the saturation by 10% instead.


 25.9910, 0.3848,
0.4663


 25.9910, 0.3848,
0.4663


 282.7379, 0.3489,
0.3910


 16.8169, 0.3923,
0.4863


 53.2604, 0.3724,
0.4377


 10.1040, 0.4002,
0.5119


 72.1246, 0.3675,
0.4273

 5.4680, 0.4109,
0.5505

 94.9875, 0.3633,
0.4186

 2.5244, 0.4092,
0.5908

 122.2336, 0.3596,
0.4113

 0.8888, 0.3537,
0.6463

 154.2473, 0.3564,
0.4051

 0.0000, 0.0000,
0.0000

 191.4130, 0.3536,

0.3997

234.1151, 0.3511,
0.3951

■ 25.9910, 0.3848,
0.4663

■ 25.9910, 0.3848,
0.4663

■ 25.7539, 0.3933,
0.4844

■ 26.2739, 0.3744,
0.4452

■ 25.5555, 0.3995,
0.4987

■ 26.6021, 0.3625,
0.4219

■ 25.3930, 0.4032,
0.5088

■ 26.9796, 0.3496,
0.3973

■ 25.2583, 0.4048,
0.5153

■ 27.4091, 0.3363,
0.3724

■ 25.2315, 0.4051,
0.5166

■ 27.8928, 0.3230,
0.3479

■ 28.4332, 0.3101,
0.3242

■ 29.0323, 0.2977,
0.3019

■ 29.6920, 0.2860,
0.2811

■ 30.4144, 0.2752,
0.2619

Harmonies

Analogous

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



25.9910, 0.4419, 0.4288



25.9910, 0.3848, 0.4663



25.9910, 0.3122, 0.4613

Triad

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



25.9910, 0.3848, 0.4663



25.9910, 0.1805, 0.2548



25.9910, 0.3765, 0.2679

Complementary

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



25.9910, 0.3848, 0.4663



6.6099, 0.2113, 0.1525

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.



25.9910, 0.2977, 0.2309



25.9910, 0.3848, 0.4663



25.9910, 0.1926, 0.2201

Square

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



25.9910, 0.3848, 0.4663



25.9910, 0.1973, 0.3199



25.9910, 0.2323, 0.2136



25.9910, 0.4415, 0.3183

Rectangle

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



25.9910, 0.3848, 0.4663



25.9910, 0.2648, 0.4267



25.9910, 0.2323, 0.2136



25.9910, 0.3502, 0.2537

Sweetspot

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



25.9922, 0.3848, 0.4663



49.1297, 0.3356, 0.3710



10.4903, 0.4744, 0.3412



10.8979, 0.3379, 0.3753



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.9922, 0.3848, 0.4663



45.9850, 0.3957, 0.4899



23.0758, 0.3367, 0.4920



6.2629, 0.3247, 0.3508



21.6457, 0.4052, 0.5165



0.2113, 0.4127, 0.5105

Inverse Universe

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



6.6099, 0.2113, 0.1525



7.7646, 0.1864, 0.1117



8.6959, 0.2659, 0.1750



5.2752, 0.3002, 0.3064



1.8265, 0.1537, 0.0620



0.0209, 0.1710, 0.0716

Previews

White Background



This preview shows how the Yxy color 25.9910, 0.3848, 0.4663 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9910, 0.3848, 0.4663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

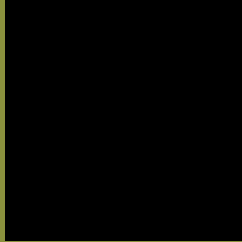
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9910, 0.3848, 0.4663

Background



This preview shows how black text looks on a background with the Yxy color 25.9910, 0.3848, 0.4663.



This preview shows how white text looks on a background with the Yxy color 25.9910, 0.3848, 0.4663.

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

25.9910, 0.3848, 0.4663

Protanopia

26.0405, 0.4109, 0.4518

Deuteranopia

25.9159, 0.4337, 0.4269



Tritanopia

25.9179, 0.3135, 0.3113

Trichromacy



Original Color

25.9910, 0.3848, 0.4663

Protanomaly

26.0618, 0.4011, 0.4569

Deuteranomaly

25.7238, 0.4164, 0.4401

Tritanomaly

25.6555, 0.3424, 0.3678

Monochromacy



Original Color

25.9910, 0.3848, 0.4663

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1038, 0.3421, 0.3819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9910, 0.3848, 0.4663 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(138, 145, 61)` looks like.

```
.text, #text, p{  
    color:rgb(138, 145, 61)  
}
```

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(138, 145, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 145, 61) }
```

Border

The CSS property to change the border of an element to Yxy 25.9910, 0.3848, 0.4663 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(138, 145, 61) }
```

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

```
.border{ border-color:rgb(138, 145, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 145, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 145, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 145, 61);  
box-shadow:4px 4px 4px 4px rgb(138, 145,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9910, 0.3848, 0.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 145, 61) }
```

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

```
.background{ background-color: rgb(138,  
145, 61) }
```

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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