

Converting Colors

$Y_{xy}(25.0381, 0.3841, 0.4498)$

Have a look what the booklet for
Yxy(25.0381, 0.3841, 0.4498)
contains.

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Color

Yxy(25.0426, 0.3846, 0.4504)

Conversions

Conversions Part 1

Format	Color
Hex	8C8D44
RGB	140, 141, 68
RGB Percent	55%, 55%, 27%
CMY	0.4510, 0.4470, 0.7334
CMYK	0.01, 0.00, 0.52, 0.45
HSL	61°, 35%, 41%
HSV	61°, 52%, 55%
XYZ	21.3841, 25.0426, 9.1741
YIQ	132.3790, 22.8370, -22.9150

Conversions

Conversions Part 2

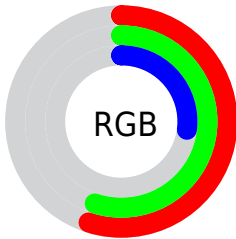
Format	Color
R _Y B	68, 141, 69
Decimal	9211204
CIE Lab	57.12, -11.06, 38.38
CIE LCh	57, 39.945, 106.068
Yxy	25.0426, 0.3846, 0.4504
Android (android.graphics.Color)	4287401284 (0xFF8C8D44)
YUV	132.3790, -31.7388, 6.6836
Hunter-Lab	50.0426, -11.2984, 24.1604

Details

The Yxy color **25.0426, 0.3846, 0.4504** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7.3215, 0.2181, 0.1712**, and the grayscale version is **23.3299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4937, 0.3716, 0.4246**, and **9.6039, 0.4034, 0.4915** is the 20% darker color. If you saturate the color by 10%, you get **24.8751, 0.3956, 0.4692**, and if you desaturate by 10%, it is **25.2538, 0.3720, 0.4289**.

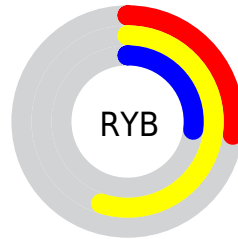
Distribution



Red (55%)

Green (55%)

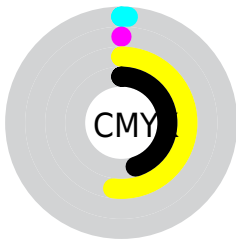
Blue (27%)



Red (27%)

Yellow (55%)

Blue (27%)

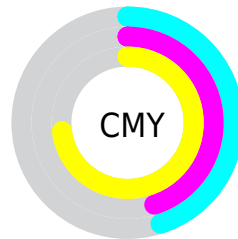


Cyan (1%)

Magenta (0%)

Yellow (52%)

Black (45%)



Cyan (45%)


Magenta (45%)


Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0426, 0.3846, 0.4504 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 25.0426, 0.3846, 0.4504 by changing the saturation by 10% instead.


 25.0426, 0.3846,
0.4504


 25.0426, 0.3846,
0.4504


278.0500, 0.3476,
0.3835


 16.1088, 0.3932,
0.4685


 51.7263, 0.3713,
0.4249


 9.6012, 0.4031,
0.4920


 70.2450, 0.3663,
0.4156


 5.1353, 0.4152,
0.5250

 92.7275, 0.3619,
0.4079

 2.3269, 0.4274,
0.5726

 119.5581, 0.3582,
0.4015

 0.7879, 0.3781,
0.6219

 151.1213, 0.3550,
0.3960

 0.0000, 0.0000,
0.0000

187.8014, 0.3522,

0.3912

229.9828, 0.3498,
0.3871

■ 25.0426, 0.3846,
0.4504

■ 25.0426, 0.3846,
0.4504

■ 24.8751, 0.3956,
0.4692

■ 25.2538, 0.3720,
0.4289

■ 24.7449, 0.4044,
0.4845

■ 25.5081, 0.3582,
0.4056

■ 24.6497, 0.4109,
0.4958

■ 25.8090, 0.3439,
0.3814

■ 24.5854, 0.4149,
0.5030

■ 26.1588, 0.3294,
0.3570

■ 24.5462, 0.4170,
0.5071

■ 26.5598, 0.3152,
0.3332

■ 27.0139, 0.3016,
0.3103

■ 27.5230, 0.2887,
0.2888

■ 28.0890, 0.2767,
0.2688

■ 28.7136, 0.2657,
0.2504

Harmonies

Analogous

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



25.0426, 0.4331, 0.4164



25.0426, 0.3846, 0.4504



25.0426, 0.3198, 0.4484

Triad

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



25.0426, 0.3846, 0.4504



25.0426, 0.1929, 0.2675



25.0426, 0.3635, 0.2700

Complementary

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



25.0426, 0.3846, 0.4504



7.3215, 0.2181, 0.1712

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.



25.0426, 0.2933, 0.2374



25.0426, 0.3846, 0.4504



25.0426, 0.2014, 0.2326

Square

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



25.0426, 0.3846, 0.4504



25.0426, 0.2114, 0.3284



25.0426, 0.2358, 0.2237



25.0426, 0.4235, 0.3156

Rectangle

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



25.0426, 0.3846, 0.4504



25.0426, 0.2763, 0.4206



25.0426, 0.2358, 0.2237



25.0426, 0.3399, 0.2574

Sweetspot

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



25.0437, 0.3846, 0.4504



46.5473, 0.3360, 0.3681



10.2137, 0.4546, 0.3294



10.3718, 0.3386, 0.3725



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.0437, 0.3846, 0.4504



44.5050, 0.3971, 0.4718



22.4407, 0.3424, 0.4703



6.2817, 0.3257, 0.3508



22.3813, 0.4170, 0.5071



0.2148, 0.4183, 0.5061

Inverse Universe

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



7.3215, 0.2181, 0.1712



9.1471, 0.1950, 0.1331



9.0296, 0.2637, 0.1883



5.2583, 0.2992, 0.3063



1.7654, 0.1506, 0.0603



0.0174, 0.1536, 0.0620

Previews

White Background



This preview shows how the Yxy color 25.0426, 0.3846, 0.4504 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 25.0426, 0.3846, 0.4504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

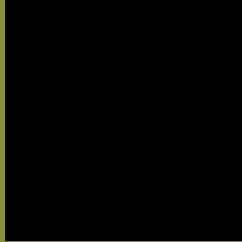
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0426, 0.3846, 0.4504

Background



This preview shows how black text looks on a background with the Yxy color 25.0426, 0.3846, 0.4504.



This preview shows how white text looks on a background with the Yxy color 25.0426, 0.3846, 0.4504.

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

25.0426, 0.3846, 0.4504

Protanopia

24.9720, 0.4033, 0.4396

Deuteranopia

25.0124, 0.4243, 0.4178



Tritanopia

25.0541, 0.3191, 0.3128

Trichromacy



Original Color

25.0426, 0.3846, 0.4504

Protanomaly

24.8781, 0.3976, 0.4432

Deuteranomaly

25.0392, 0.4096, 0.4296

Tritanomaly

24.8890, 0.3445, 0.3628

Monochromacy



Original Color

25.0426, 0.3846, 0.4504

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.5830, 0.3405, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0426, 0.3846, 0.4504 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(140, 141, 68)` looks like.

```
.text, #text, p{  
    color:rgb(140, 141, 68)  
}
```

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(140, 141, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 141, 68) }
```

Border

The CSS property to change the border of an element to Yxy 25.0426, 0.3846, 0.4504 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(140, 141, 68) }
```

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

```
.border{ border-color:rgb(140, 141, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 141, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 141, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 141, 68);  
box-shadow:4px 4px 4px 4px rgb(140, 141,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0426, 0.3846, 0.4504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 141, 68) }
```

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

```
.background{ background-color: rgb(140,  
141, 68) }
```

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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