

Converting Colors

$Y_{xy}(26.4878, 0.4072, 0.4464)$

Have a look what the booklet for
Yxy(26.4878, 0.4072, 0.4464)
contains.

Yxy(26.4878, 0.4072, 0.4464)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4878, 0.4072, 0.4464)

Conversions

Conversions Part 1

Format	Color
Hex	9C8D40
RGB	156, 141, 64
RGB Percent	61%, 55%, 25%
CMY	0.3882, 0.4471, 0.7491
CMYK	0.00, 0.10, 0.59, 0.39
HSL	50°, 42%, 43%
HSV	50°, 59%, 61%
XYZ	24.1618, 26.4878, 8.6869
YIQ	136.7070, 33.6570, -20.7670

Conversions

Conversions Part 2

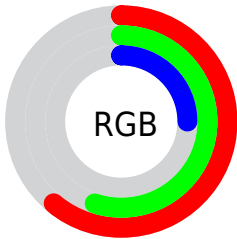
Format	Color
RYB	82, 156, 64
Decimal	10259776
CIELab	58.50, -4.37, 42.34
CIELCh	58, 42.570, 95.893
Yxy	26.4878, 0.4072, 0.4464
Android (android.graphics.Color)	4288449856 (0xFF9C8D40)
YUV	136.7070, -35.8446, 16.9200
Hunter-Lab	51.4663, -6.2659, 26.0190

Details

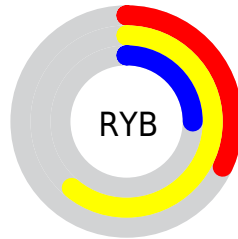
The Yxy color **26.4878, 0.4072, 0.4464** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.0812, 0.2073, 0.1726**, and the grayscale version is **25.0286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9446, 0.3906, 0.4234**, and **10.3335, 0.4325, 0.4812** is the 20% darker color. If you saturate the color by 10%, you get **25.5938, 0.4214, 0.4608**, and if you desaturate by 10%, it is **27.4512, 0.3915, 0.4290**.

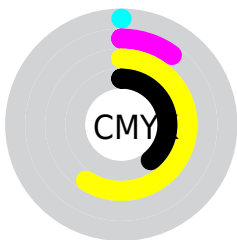
Distribution



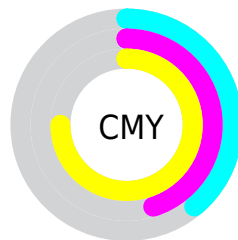
- Red (61%)
- Green (55%)
- Blue (25%)



- Red (32%)
- Yellow (61%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (59%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4878, 0.4072, 0.4464 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 26.4878, 0.4072, 0.4464 by changing the saturation by 10% instead.

■ 26.4878, 0.4072,
0.4464

■ 26.4878, 0.4072,
0.4464

285.1685, 0.3584,
0.3841

■ 17.1889, 0.4187,
0.4619

■ 54.0608, 0.3897,
0.4234

■ 10.3693, 0.4322,
0.4810

■ 73.1038, 0.3829,
0.4149

■ 5.6445, 0.4500,
0.5073

■ 96.1636, 0.3772,
0.4076

■ 2.6301, 0.4650,
0.5350

■ 123.6246, 0.3724,
0.4015

■ 0.9418, 0.4553,
0.5447

■ 155.8712, 0.3682,
0.3962

■ 0.0000, 0.0000,
0.0000

193.2877, 0.3645,

0.3917

236.2587, 0.3612,
0.3877

■ 26.4878, 0.4072,
0.4464

■ 26.4878, 0.4072,
0.4464

■ 25.5938, 0.4214,
0.4608

■ 27.4512, 0.3915,
0.4290

■ 24.7611, 0.4335,
0.4713

■ 28.4842, 0.3749,
0.4095

■ 23.9858, 0.4430,
0.4775

■ 29.5916, 0.3582,
0.3888

■ 23.2574, 0.4502,
0.4800

■ 30.7765, 0.3418,
0.3678

■ 23.1850, 0.4509,
0.4802

■ 32.0420, 0.3260,
0.3470

■ 33.3908, 0.3113,
0.3270

■ 34.8257, 0.2976,
0.3081

■ 36.3492, 0.2850,
0.2903

■ 37.9637, 0.2736,
0.2739

Harmonies

Analogous

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



26.4878, 0.4484, 0.4028



26.4878, 0.4072, 0.4464



26.4878, 0.3433, 0.4604

Triad

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



26.4878, 0.4072, 0.4464



26.4878, 0.1914, 0.2832



26.4878, 0.3405, 0.2543

Complementary

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



26.4878, 0.4072, 0.4464



9.0812, 0.2073, 0.1726

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.



26.4878, 0.2697, 0.2266



26.4878, 0.4072, 0.4464



26.4878, 0.1910, 0.2375

Square

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



26.4878, 0.4072, 0.4464



26.4878, 0.2201, 0.3539



26.4878, 0.2176, 0.2198



26.4878, 0.4102, 0.2976

Rectangle

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



26.4878, 0.4072, 0.4464



26.4878, 0.2970, 0.4428



26.4878, 0.2176, 0.2198



26.4878, 0.3157, 0.2430

Sweetspot

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



26.4890, 0.4072, 0.4464



56.0308, 0.3408, 0.3665



11.3032, 0.4584, 0.3053



12.1966, 0.3452, 0.3722



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.4890, 0.4072, 0.4464



45.9492, 0.4258, 0.4648



28.5359, 0.3608, 0.4829



7.5360, 0.3265, 0.3476



19.1368, 0.4506, 0.4804



0.3870, 0.4363, 0.4917

Inverse Universe

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



9.0812, 0.2073, 0.1726



11.4479, 0.1841, 0.1335



8.4803, 0.2343, 0.1587



6.6014, 0.2988, 0.3097



2.6016, 0.1546, 0.0765



0.0895, 0.1699, 0.1318

Previews

White Background



This preview shows how the Yxy color 26.4878, 0.4072, 0.4464 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 26.4878, 0.4072, 0.4464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

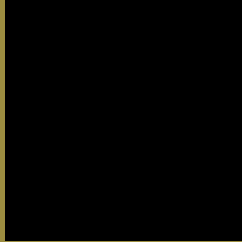
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4878, 0.4072, 0.4464

Background



This preview shows how black text looks on a background with the Yxy color 26.4878, 0.4072, 0.4464.



This preview shows how white text looks on a background with the Yxy color 26.4878, 0.4072, 0.4464.

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

26.4878, 0.4072, 0.4464

Protanopia

26.4878, 0.4072, 0.4464

Deuteranopia

26.4422, 0.4332, 0.4248



Tritanopia

26.5448, 0.3363, 0.3137

Trichromacy



Original Color

26.4878, 0.4072, 0.4464

Protanomaly

26.4878, 0.4072, 0.4464

Deuteranomaly

26.4885, 0.4230, 0.4337

Tritanomaly

26.2968, 0.3646, 0.3640

Monochromacy



Original Color

26.4878, 0.4072, 0.4464

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.2320, 0.3492, 0.3765

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4878, 0.4072, 0.4464 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(156, 141, 64)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 64)  
}
```

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(156, 141, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 64) }
```

Border

The CSS property to change the border of an element to Yxy 26.4878, 0.4072, 0.4464 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(156, 141, 64) }
```

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

```
.border{ border-color:rgb(156, 141, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 141, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 64);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4878, 0.4072, 0.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 64) }
```

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

```
.background{ background-color: rgb(156,  
141, 64) }
```

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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