

Converting Colors

$Y_{xy}(25.9610, 0.3827, 0.4524)$

Have a look what the booklet for
Yxy(25.9610, 0.3827, 0.4524)
contains.

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Color

Yxy(26.0389, 0.3827, 0.4523)

Conversions

Conversions Part 1

Format	Color
Hex	8D9045
RGB	141, 144, 69
RGB Percent	55%, 56%, 27%
CMY	0.4471, 0.4353, 0.7293
CMYK	0.02, 0.00, 0.52, 0.44
HSL	62°, 35%, 42%
HSV	62°, 52%, 56%
XYZ	22.0320, 26.0389, 9.4990
YIQ	134.5530, 22.2870, -23.9610

Conversions

Conversions Part 2

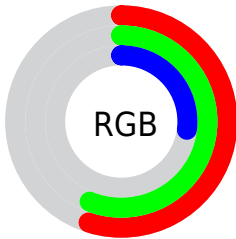
Format	Color
RYB	69, 144, 72
Decimal	9277509
CIELab	58.07, -12.14, 39.01
CIELCh	58, 40.856, 107.286
Yxy	26.0389, 0.3827, 0.4523
Android (android.graphics.Color)	4287467589 (0xFF8D9045)
YUV	134.5530, -32.3176, 5.6540
Hunter-Lab	51.0283, -12.2303, 24.6829

Details

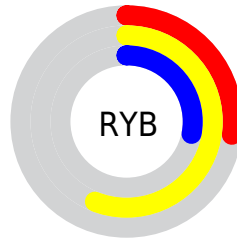
The Yxy color **26.0389, 0.3827, 0.4523** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.6524, 0.2194, 0.1707**, and the grayscale version is **24.1712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4558, 0.3701, 0.4274**, and **10.1798, 0.4000, 0.4937** is the 20% darker color. If you saturate the color by 10%, you get **25.8318, 0.3931, 0.4715**, and if you desaturate by 10%, it is **26.2920, 0.3706, 0.4305**.

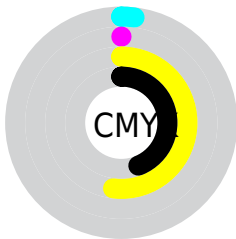
Distribution



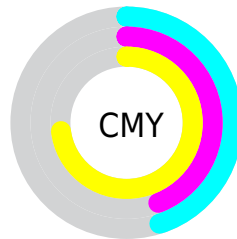
- Red (55%)
- Green (56%)
- Blue (27%)



- Red (27%)
- Yellow (56%)
- Blue (28%)



- Cyan (2%)
- Magenta (0%)
- Yellow (52%)
- Black (44%)





- Cyan (45%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0389, 0.3827, 0.4523 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 26.0389, 0.3827, 0.4523 by changing the saturation by 10% instead.

 26.0389, 0.3827,
0.4523


 26.0389, 0.3827,
0.4523


282.9730, 0.3471,
0.3846


 16.8527, 0.3908,
0.4705


 53.3377, 0.3701,
0.4265

 10.1296, 0.4000,
0.4941


 72.2191, 0.3652,
0.4171

 5.4849, 0.4105,
0.5265


 95.1011, 0.3610,
0.4094

 2.5345, 0.4232,
0.5768

 122.3680, 0.3574,
0.4028

 0.8939, 0.3823,
0.6177

 154.4043, 0.3543,
0.3973

 0.0000, 0.0000,
0.0000

191.5942, 0.3516,

0.3925

234.3224, 0.3492,
0.3883

■ 26.0389, 0.3827,
0.4523

■ 26.0389, 0.3827,
0.4523

■ 25.8318, 0.3931,
0.4715

■ 26.2920, 0.3706,
0.4305

■ 25.6641, 0.4015,
0.4872

■ 26.5905, 0.3573,
0.4069

■ 25.5331, 0.4074,
0.4989

■ 26.9382, 0.3434,
0.3824

■ 25.4347, 0.4108,
0.5065

■ 27.3374, 0.3293,
0.3578

■ 25.3703, 0.4125,
0.5107

■ 27.7906, 0.3155,
0.3338

■ 28.2998, 0.3022,
0.3109

■ 28.8670, 0.2897,
0.2894

■ 29.4941, 0.2780,
0.2694

■ 30.1831, 0.2672,
0.2510

Harmonies

Analogous

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



26.0389, 0.4327, 0.4188



26.0389, 0.3827, 0.4523



26.0389, 0.3170, 0.4485

Triad

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



26.0389, 0.3827, 0.4523



26.0389, 0.1917, 0.2649



26.0389, 0.3668, 0.2711

Complementary

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



26.0389, 0.3827, 0.4523



7.6524, 0.2194, 0.1707

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.



26.0389, 0.2958, 0.2377



26.0389, 0.3827, 0.4523



26.0389, 0.2014, 0.2309

Square

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



26.0389, 0.3827, 0.4523



26.0389, 0.2092, 0.3254



26.0389, 0.2370, 0.2229



26.0389, 0.4264, 0.3175

Rectangle

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



26.0389, 0.3827, 0.4523



26.0389, 0.2734, 0.4193



26.0389, 0.2370, 0.2229



26.0389, 0.3430, 0.2582

Sweetspot

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



26.0401, 0.3827, 0.4523



47.9025, 0.3353, 0.3682



10.9333, 0.4537, 0.3338



10.9557, 0.3379, 0.3727



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.



26.0401, 0.3827, 0.4523



45.5192, 0.3943, 0.4736



23.3218, 0.3397, 0.4727



6.2745, 0.3253, 0.3508



22.0941, 0.4125, 0.5106



0.2135, 0.4162, 0.5078

Inverse Universe

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



7.6524, 0.2194, 0.1707



9.5354, 0.1972, 0.1339



9.5254, 0.2667, 0.1886



5.2647, 0.2996, 0.3063



1.7885, 0.1518, 0.0610



0.0187, 0.1603, 0.0657

Previews

White Background



This preview shows how the Yxy color 26.0389, 0.3827, 0.4523 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 26.0389, 0.3827, 0.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

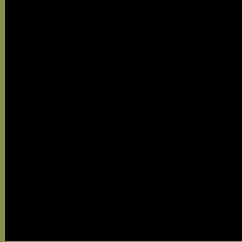
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0389, 0.3827, 0.4523

Background



This preview shows how black text looks on a background with the Yxy color 26.0389, 0.3827, 0.4523.



This preview shows how white text looks on a background with the Yxy color 26.0389, 0.3827, 0.4523.

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

26.0389, 0.3827, 0.4523

Protanopia

26.0435, 0.4023, 0.4412

Deuteranopia

25.9009, 0.4251, 0.4178



Tritanopia

26.0732, 0.3168, 0.3130

Trichromacy



Original Color

26.0389, 0.3827, 0.4523

Protanomaly

25.8567, 0.3954, 0.4453

Deuteranomaly

25.8198, 0.4093, 0.4300

Tritanomaly

25.8842, 0.3426, 0.3641

Monochromacy



Original Color

26.0389, 0.3827, 0.4523

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6430, 0.3399, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0389, 0.3827, 0.4523 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(141, 144, 69)` looks like.

```
.text, #text, p{  
    color:rgb(141, 144, 69)  
}
```

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(141, 144, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 144, 69) }
```

Border

The CSS property to change the border of an element to Yxy 26.0389, 0.3827, 0.4523 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(141, 144, 69) }
```

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

```
.border{ border-color:rgb(141, 144, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 144, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 144, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 144, 69);  
box-shadow:4px 4px 4px 4px rgb(141, 144,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0389, 0.3827, 0.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 144, 69) }
```

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

```
.background{ background-color: rgb(141,  
144, 69) }
```

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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