

Converting Colors

$Y_{xy}(26.1602, 0.4060, 0.4519)$

Have a look what the booklet for
Yxy(26.1602, 0.4060, 0.4519)
contains.

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Color

Yxy(26.1590, 0.4060, 0.4519)

Conversions

Conversions Part 1

Format	Color
Hex	998D3D
RGB	153, 141, 61
RGB Percent	60%, 55%, 24%
CMY	0.4001, 0.4470, 0.7608
CMYK	0.00, 0.08, 0.60, 0.40
HSL	52°, 43%, 42%
HSV	52°, 60%, 60%
XYZ	23.5020, 26.1590, 8.2257
YIQ	135.4680, 32.8320, -22.3360

Conversions

Conversions Part 2

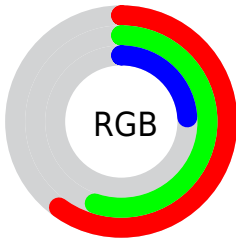
Format	Color
RYB	75, 153, 61
Decimal	10063165
CIELab	58.19, -5.95, 43.36
CIElCh	58, 43.768, 97.808
Yxy	26.1590, 0.4060, 0.4519
Android (android.graphics.Color)	4288253245 (0xFF998D3D)
YUV	135.4680, -36.7127, 15.3756
Hunter-Lab	51.1459, -7.4829, 26.2666

Details

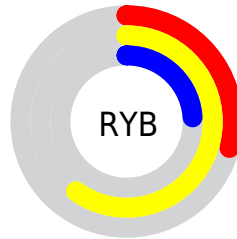
The Yxy color **26.1590, 0.4060, 0.4519** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.0541, 0.2041, 0.1635**, and the grayscale version is **24.5419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3087, 0.3885, 0.4269**, and **10.1502, 0.4298, 0.4888** is the 20% darker color. If you saturate the color by 10%, you get **25.4360, 0.4190, 0.4663**, and if you desaturate by 10%, it is **26.9420, 0.3913, 0.4344**.

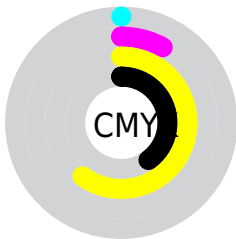
Distribution



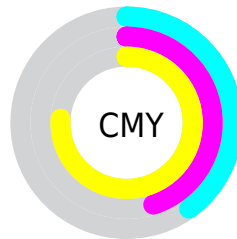
- Red (60%)
- Green (55%)
- Blue (24%)



- Red (29%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (8%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1590, 0.4060, 0.4519 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 26.1590, 0.4060, 0.4519 by changing the saturation by 10% instead.

26.1590, 0.4060,
0.4519

26.1590, 0.4060,
0.4519

283.5617, 0.3581,
0.3864

16.9426, 0.4170,
0.4683

53.5313, 0.3889,
0.4277

10.1936, 0.4297,
0.4885

72.4561, 0.3823,
0.4187

5.5275, 0.4477,
0.5180

95.3858, 0.3767,
0.4111

2.5600, 0.4565,
0.5435

122.7048, 0.3719,
0.4046

0.9066, 0.4414,
0.5586

154.7975, 0.3678,
0.3991

0.0000, 0.0000,
0.0000

192.0483, 0.3641,

0.3943

234.8415, 0.3609,
0.3901

■ 26.1590, 0.4060,
0.4519

■ 26.1590, 0.4060,
0.4519

■ 25.4360, 0.4190,
0.4663

■ 26.9420, 0.3913,
0.4344

■ 24.7652, 0.4297,
0.4767

■ 27.7851, 0.3756,
0.4145

■ 24.1430, 0.4378,
0.4829

■ 28.6929, 0.3594,
0.3933

■ 23.5641, 0.4439,
0.4858

■ 29.6683, 0.3433,
0.3716

■ 30.7142, 0.3277,
0.3501

■ 31.8333, 0.3129,
0.3293

■ 33.0281, 0.2991,
0.3094

■ 34.3009, 0.2864,
0.2909

■ 35.6540, 0.2747,
0.2737

Harmonies

Analogous

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



26.1590, 0.4508, 0.4077



26.1590, 0.4060, 0.4519



26.1590, 0.3393, 0.4643

Triad

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



26.1590, 0.4060, 0.4519



26.1590, 0.1872, 0.2776



26.1590, 0.3462, 0.2546

Complementary

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



26.1590, 0.4060, 0.4519



8.0541, 0.2041, 0.1635

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.



26.1590, 0.2724, 0.2251



26.1590, 0.4060, 0.4519



26.1590, 0.1886, 0.2327

Square

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



26.1590, 0.4060, 0.4519



26.1590, 0.2145, 0.3494



26.1590, 0.2175, 0.2165



26.1590, 0.4173, 0.2998

Rectangle

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



26.1590, 0.4060, 0.4519



26.1590, 0.2917, 0.4440



26.1590, 0.2175, 0.2165



26.1590, 0.3205, 0.2427

Sweetspot

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



26.1602, 0.4060, 0.4519



53.4662, 0.3405, 0.3678



10.5934, 0.4688, 0.3101



11.6979, 0.3447, 0.3737



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.1602, 0.4060, 0.4519



45.1565, 0.4228, 0.4702



27.0547, 0.3580, 0.4873



7.0857, 0.3263, 0.3482



19.5138, 0.4437, 0.4859



0.3251, 0.4315, 0.4956

Inverse Universe

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



8.0541, 0.2041, 0.1635



9.8935, 0.1811, 0.1246



8.0559, 0.2364, 0.1573



6.1496, 0.2988, 0.3091



2.3419, 0.1534, 0.0723



0.0645, 0.1669, 0.1208

Previews

White Background



This preview shows how the Yxy color 26.1590, 0.4060, 0.4519 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 26.1590, 0.4060, 0.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

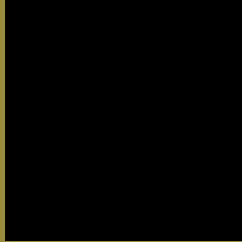
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1590, 0.4060, 0.4519

Background



This preview shows how black text looks on a background with the Yxy color 26.1590, 0.4060, 0.4519.



This preview shows how white text looks on a background with the Yxy color 26.1590, 0.4060, 0.4519.

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

26.1590, 0.4060, 0.4519

Protanopia

26.1610, 0.4105, 0.4488

Deuteranopia

26.0182, 0.4357, 0.4275



Tritanopia

25.9593, 0.3330, 0.3120

Trichromacy



Original Color

26.1590, 0.4060, 0.4519

Protanomaly

26.0617, 0.4093, 0.4494

Deuteranomaly

26.0631, 0.4254, 0.4365

Tritanomaly

25.6883, 0.3625, 0.3645

Monochromacy



Original Color

26.1590, 0.4060, 0.4519

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.7248, 0.3493, 0.3787

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1590, 0.4060, 0.4519 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(153, 141, 61)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 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(153, 141, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 61) }
```

Border

The CSS property to change the border of an element to Yxy 26.1590, 0.4060, 0.4519 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(153, 141, 61) }
```

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

```
.border{ border-color:rgb(153, 141, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 61);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1590, 0.4060, 0.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 61) }
```

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

```
.background{ background-color: rgb(153,  
141, 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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