

Converting Colors

$Y_{xy}(25.9032, 0.3126, 0.5900)$

Have a look what the booklet for
Yxy(25.9032, 0.3126, 0.5900)
contains.

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Color

Yxy(26.0252, 0.3125, 0.5901)

Conversions

Conversions Part 1

Format	Color
Hex	2CA100
RGB	44, 161, 0
RGB Percent	17%, 63%, 0%
CMY	0.8276, 0.3686, 1.0000
CMYK	0.73, 0.00, 1.00, 0.37
HSL	104°, 100%, 32%
HSV	104°, 100%, 63%
XYZ	13.7822, 26.0252, 4.2956
YIQ	107.6630, -18.0510, -74.8750

Conversions

Conversions Part 2

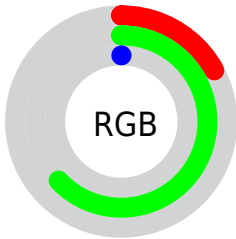
Format	Color
RYB	0, 161, 117
Decimal	2924800
CIELab	58.06, -56.55, 59.61
CIELCh	58, 82.161, 133.491
Yxy	26.0252, 0.3125, 0.5901
Android (android.graphics.Color)	4281114880 (0xFF2CA100)
YUV	107.6630, -53.0779, -55.8325
Hunter-Lab	51.0149, -41.0525, 30.7180

Details

The Yxy color **26.0252, 0.3125, 0.5901** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **6.3583, 0.2534, 0.1170**, and the grayscale version is **15.0498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3448, 0.3217, 0.5315**, and **10.7251, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.0264, 0.3125, 0.5901**, and if you desaturate by 10%, it is **26.3606, 0.3167, 0.5777**.

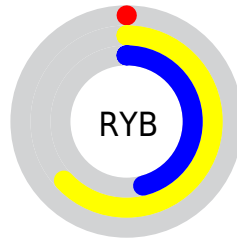
Distribution



Red (17%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (46%)

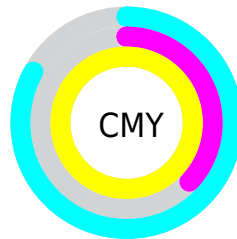


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (83%)


Magenta (37%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0252, 0.3125, 0.5901 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 26.0252, 0.3125, 0.5901 by changing the saturation by 10% instead.


 26.0252, 0.3125,
0.5901


 26.0252, 0.3125,
0.5901


282.9058, 0.3253,
0.4395


 16.8425, 0.3017,
0.6312


 53.3156, 0.3220,
0.5316


 10.1223, 0.2839,
0.6876


 72.1921, 0.3239,
0.5106


 5.4801, 0.2477,
0.7523

 95.0686, 0.3250,
0.4933

 2.5316, 0.1704,
0.8296

 122.3296, 0.3255,
0.4788


 0.8924, 0.0000,
1.0000


 154.3594, 0.3257,
0.4667


 0.0000, 0.0000,
0.0000


 191.5424, 0.3256,

0.4563

 234.2631, 0.3255,
0.4473


 26.0252, 0.3125,
0.5901

 26.0252, 0.3125,
0.5901


 26.0264, 0.3125,
0.5901

 26.3606, 0.3167,
0.5777

 26.8036, 0.3205,
0.5596

 27.3731, 0.3230,
0.5353

 28.0795, 0.3242,
0.5065

 28.9315, 0.3242,
0.4750

■ 29.9375, 0.3231,
0.4427

■ 31.1048, 0.3211,
0.4111

■ 32.4405, 0.3186,
0.3813

■ 33.9511, 0.3158,
0.3538

Harmonies

Analogous

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



26.0252, 0.4275, 0.5416



26.0252, 0.3125, 0.5901



26.0252, 0.2031, 0.4999

Triad

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



26.0252, 0.3125, 0.5901



26.0252, 0.1190, 0.1572



26.0252, 0.5268, 0.2836

Complementary

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



26.0252, 0.3125, 0.5901



6.3583, 0.2534, 0.1170

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.



26.0252, 0.3966, 0.2153



26.0252, 0.3125, 0.5901



26.0252, 0.1662, 0.1468

Square

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



26.0252, 0.3125, 0.5901



26.0252, 0.1069, 0.2091



26.0252, 0.2590, 0.1670



26.0252, 0.5721, 0.3601

Rectangle

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



26.0252, 0.3125, 0.5901



26.0252, 0.1493, 0.3829



26.0252, 0.2590, 0.1670



26.0252, 0.4898, 0.2595

Sweetspot

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



26.0264, 0.3125, 0.5901



55.5761, 0.3213, 0.4128



19.9277, 0.4793, 0.4576



12.0016, 0.3221, 0.4252



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.0264, 0.3125, 0.5901



46.5227, 0.3114, 0.5909



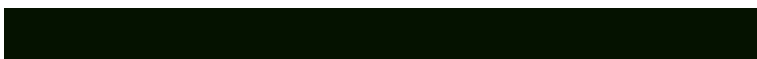
25.6124, 0.2932, 0.5756



7.9843, 0.3155, 0.3519



20.8028, 0.3130, 0.5897



0.4592, 0.3401, 0.5682

Inverse Universe

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



6.3583, 0.2534, 0.1170



11.2842, 0.2522, 0.1163



9.0871, 0.3839, 0.1888



7.1045, 0.3096, 0.3066



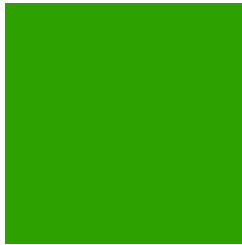
5.0986, 0.2540, 0.1173



0.1286, 0.2796, 0.1314

Previews

White Background



This preview shows how the Yxy color 26.0252, 0.3125, 0.5901 looks on a white background.

Color Contrast Check

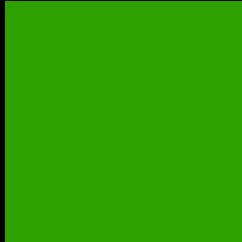
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0252, 0.3125, 0.5901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

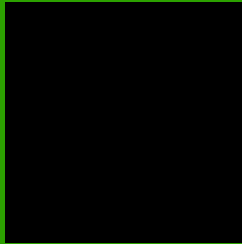
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0252, 0.3125, 0.5901

Background



This preview shows how black text looks on a background with the Yxy color 26.0252, 0.3125, 0.5901.



This preview shows how white text looks on a background with the Yxy color 26.0252, 0.3125, 0.5901.

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

26.0252, 0.3125, 0.5901

Protanopia

25.5332, 0.4396, 0.4892

Deuteranopia

25.6167, 0.4585, 0.4518



Tritanopia

26.0410, 0.2428, 0.3073

Trichromacy



Original Color

26.0252, 0.3125, 0.5901



Protanomaly

24.5123, 0.3820, 0.5349



Deuteranomaly

24.2149, 0.3951, 0.5111



Tritanomaly

25.2487, 0.2785, 0.4327

Monochromacy



Original Color

26.0252, 0.3125, 0.5901



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

17.5397, 0.3239, 0.4578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0252, 0.3125, 0.5901 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(44, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(44, 161, 0)  
}
```

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(44, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 161, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.0252, 0.3125, 0.5901 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(44, 161, 0) }
```

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

```
.border{ border-color:rgb(44, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(44, 161, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.0252, 0.3125, 0.5901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 161, 0) }
```

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

```
.background{ background-color: rgb(44, 161,  
0) }
```

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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