

Converting Colors

$Y_{xy}(26.0230, 0.2782, 0.5286)$

Have a look what the booklet for
Yxy(26.0230, 0.2782, 0.5286)
contains.

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Color

$Y_{xy}(26.2340, 0.2802, 0.5287)$

Conversions

Conversions Part 1

Format	Color
Hex	00A242
RGB	0, 162, 66
RGB Percent	0%, 64%, 26%
CMY	0.9999, 0.3647, 0.7412
CMYK	1.00, 0.00, 0.59, 0.36
HSL	144°, 100%, 32%
HSV	144°, 100%, 64%
XYZ	13.9035, 26.2340, 9.4823
YIQ	102.6180, -65.7360, -64.2000

Conversions

Conversions Part 2

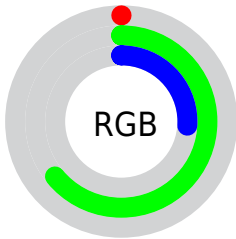
Format	Color
RYB	0, 115, 162
Decimal	41538
CIELab	58.26, -56.63, 39.38
CIELCh	58, 68.977, 145.185
Yxy	26.2340, 0.2802, 0.5287
Android (android.graphics.Color)	4278231618 (0xFF00A242)
YUV	102.6180, -18.0527, -89.9960
Hunter-Lab	51.2191, -41.1795, 24.8769

Details

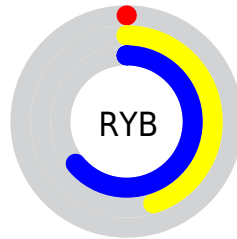
The Yxy color **26.2340, 0.2802, 0.5287** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8.5276, 0.4553, 0.2282**, and the grayscale version is **13.5211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6008, 0.2913, 0.4805**, and **10.9690, 0.2958, 0.5848** is the 20% darker color. If you saturate the color by 10%, you get **26.2347, 0.2802, 0.5287**, and if you desaturate by 10%, it is **26.4700, 0.2774, 0.5089**.

Distribution



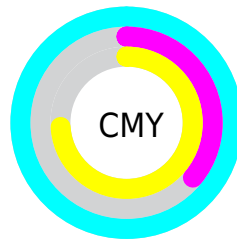
- Red (0%)
- Green (64%)
- Blue (26%)



- Red (0%)
- Yellow (45%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (36%)




- Cyan (100%)
- Magenta (36%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2340, 0.2802, 0.5287 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 26.2340, 0.2802, 0.5287 by changing the saturation by 10% instead.


 26.2340, 0.2802,
0.5287


 26.2340, 0.2802,
0.5287

283.9289, 0.3040,
0.4107


 16.9988, 0.2704,
0.5649


 53.6522, 0.2914,
0.4809

 10.2336, 0.2546,
0.6153


 72.6040, 0.2947,
0.4645

 5.5541, 0.2282,
0.6906

 95.5634, 0.2972,
0.4512


 2.5759, 0.1730,
0.8270

 122.9148, 0.2992,
0.4402

 0.9146, 0.0000,
1.0000

 155.0427, 0.3008,
0.4310

 0.0000, 0.0000,
0.0000

 192.3314, 0.3020,

0.4232

235.1653, 0.3031,
0.4165

■ 26.2340, 0.2802,
0.5287

■ 26.2340, 0.2802,
0.5287

■ 26.2347, 0.2802,
0.5287

■ 26.4700, 0.2774,
0.5089

■ 26.8146, 0.2759,
0.4875

■ 27.3080, 0.2763,
0.4650

■ 27.9673, 0.2784,
0.4422

■ 28.8072, 0.2820,
0.4198

■ 29.8409, 0.2869,
0.3984

■ 31.0801, 0.2927,
0.3785

■ 32.5357, 0.2991,
0.3602

■ 34.2177, 0.3058,
0.3437

Harmonies

Analogous

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



26.2340, 0.3832, 0.5380



26.2340, 0.2802, 0.5287



26.2340, 0.1911, 0.4153

Triad

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



26.2340, 0.2802, 0.5287



26.2340, 0.1538, 0.1709



26.2340, 0.5198, 0.3205

Complementary

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



26.2340, 0.2802, 0.5287



8.5276, 0.4553, 0.2282

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.



26.2340, 0.4316, 0.2534



26.2340, 0.2802, 0.5287



26.2340, 0.2125, 0.1718

Square

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



26.2340, 0.2802, 0.5287



26.2340, 0.1306, 0.2038



26.2340, 0.3109, 0.2007



26.2340, 0.5310, 0.3945

Rectangle

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



26.2340, 0.2802, 0.5287



26.2340, 0.1528, 0.3236



26.2340, 0.3109, 0.2007



26.2340, 0.4978, 0.2972

Sweetspot

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



26.2351, 0.2802, 0.5287



56.2789, 0.2923, 0.3796



28.3949, 0.3518, 0.5589



12.4288, 0.2899, 0.3875



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.2351, 0.2802, 0.5287



47.5870, 0.2811, 0.5321



27.9112, 0.2333, 0.3599



7.9406, 0.3063, 0.3426



20.6757, 0.2798, 0.5271



0.4437, 0.2593, 0.4535

Inverse Universe

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



8.5276, 0.4553, 0.2282



15.4376, 0.4585, 0.2299



7.7204, 0.6271, 0.3228



7.1531, 0.3197, 0.3158



6.7261, 0.4539, 0.2274



0.1504, 0.3946, 0.1948

Previews

White Background



This preview shows how the Yxy color 26.2340, 0.2802, 0.5287 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 26.2340, 0.2802, 0.5287 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 26.2340, 0.2802, 0.5287

Background



This preview shows how black text looks on a background with the Yxy color 26.2340, 0.2802, 0.5287.



This preview shows how white text looks on a background with the Yxy color 26.2340, 0.2802, 0.5287.

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

26.2340, 0.2802, 0.5287

Protanopia

25.7496, 0.4118, 0.4505

Deuteranopia

25.8155, 0.4219, 0.4157



Tritanopia

26.2268, 0.2347, 0.3071

Trichromacy



Original Color

26.2340, 0.2802, 0.5287



Protanomaly

23.8679, 0.3384, 0.4910



Deuteranomaly

23.5896, 0.3426, 0.4672



Tritanomaly

25.8069, 0.2491, 0.3850

Monochromacy



Original Color

26.2340, 0.2802, 0.5287



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

16.3117, 0.2837, 0.4095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2340, 0.2802, 0.5287 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(0, 162, 66)` looks like.

```
.text, #text, p{  
  color:rgb(0, 162, 66)  
}
```

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(0, 162, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 66) }
```

Border

The CSS property to change the border of an element to Yxy 26.2340, 0.2802, 0.5287 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(0, 162, 66) }
```

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

```
.border{ border-color:rgb(0, 162, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 66);  
box-shadow:4px 4px 4px 4px rgb(0, 162, 66)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.2340, 0.2802, 0.5287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 66) }
```

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

```
.background{ background-color: rgb(0, 162,  
66) }
```

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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