

Converting Colors

$Yxy(25.0158, 0.2626, 0.5735)$

Have a look what the booklet for
Yxy(25.0158, 0.2626, 0.5735)
contains.

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Color

Yxy(26.0624, 0.2881, 0.5573)

Conversions

Conversions Part 1

Format	Color
Hex	00A231
RGB	0, 162, 49
RGB Percent	0%, 64%, 19%
CMY	1.0000, 0.3647, 0.8077
CMYK	1.00, 0.00, 0.70, 0.36
HSL	138°, 100%, 32%
HSV	138°, 100%, 64%
XYZ	13.4731, 26.0624, 7.2299
YIQ	100.6800, -60.2790, -69.4870

Conversions

Conversions Part 2

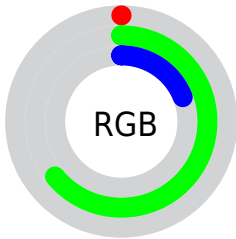
Format	Color
RYB	0, 124, 162
Decimal	41521
CIELab	58.10, -58.68, 46.76
CIELCh	58, 75.032, 141.446
Yxy	26.0624, 0.2881, 0.5573
Android (android.graphics.Color)	4278231601 (0xFF00A231)
YUV	100.6800, -25.4782, -88.2964
Hunter-Lab	51.0513, -42.2313, 27.3392

Details

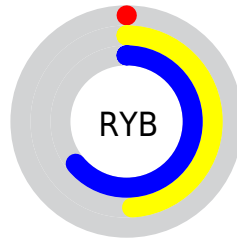
The Yxy color **26.0624, 0.2881, 0.5573** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8.8736, 0.4145, 0.2057**, and the grayscale version is **13.0076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3065, 0.2995, 0.5030**, and **10.9373, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.0649, 0.2881, 0.5573**, and if you desaturate by 10%, it is **26.2846, 0.2855, 0.5374**.

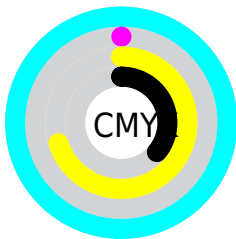
Distribution



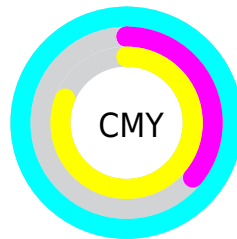
- Red (0%)
- Green (64%)
- Blue (19%)



- Red (0%)
- Yellow (49%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0624, 0.2881, 0.5573 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 26.0624, 0.2881, 0.5573 by changing the saturation by 10% instead.


 26.0624, 0.2881,
0.5573


 26.0624, 0.2881,
0.5573

283.0883, 0.3098,
0.4226


 16.8703, 0.2775,
0.5976


 53.3756, 0.2993,
0.5032

 10.1421, 0.2598,
0.6522


 72.2655, 0.3024,
0.4844


 5.4933, 0.2351,
0.7489

 95.1568, 0.3046,
0.4691

 2.5395, 0.1567,
0.8433

 122.4339, 0.3062,
0.4566

 0.8963, 0.0000,
1.0000

 154.4812, 0.3075,
0.4460

 0.0000, 0.0000,
0.0000

 191.6831, 0.3084,

0.4370

234.4240, 0.3092,
0.4293

■ 26.0624, 0.2881,
0.5573

■ 26.0624, 0.2881,
0.5573

■ 26.0649, 0.2881,
0.5573

■ 26.2846, 0.2855,
0.5374

■ 26.6195, 0.2839,
0.5145

■ 27.1094, 0.2838,
0.4893

■ 27.7722, 0.2854,
0.4629

■ 28.6230, 0.2882,
0.4367

■ 29.6756, 0.2921,
0.4114

■ 30.9420, 0.2968,
0.3877

■ 32.4337, 0.3019,
0.3660

■ 34.1610, 0.3073,
0.3464

Harmonies

Analogous

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



26.0624, 0.3973, 0.5472



26.0624, 0.2881, 0.5573



26.0624, 0.1905, 0.4429

Triad

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



26.0624, 0.2881, 0.5573



26.0624, 0.1388, 0.1625



26.0624, 0.5297, 0.3079

Complementary

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



26.0624, 0.2881, 0.5573



8.8736, 0.4145, 0.2057

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.



26.0624, 0.4257, 0.2393



26.0624, 0.2881, 0.5573



26.0624, 0.1949, 0.1601

Square

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



26.0624, 0.2881, 0.5573



26.0624, 0.1188, 0.2010



26.0624, 0.2946, 0.1868



26.0624, 0.5499, 0.3840

Rectangle

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



26.0624, 0.2881, 0.5573



26.0624, 0.1470, 0.3391



26.0624, 0.2946, 0.1868



26.0624, 0.5027, 0.2840

Sweetspot

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



26.0649, 0.2881, 0.5573



56.0264, 0.2965, 0.3890



29.3805, 0.3678, 0.5462



12.3672, 0.2946, 0.3983



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.



26.0649, 0.2881, 0.5573



47.2831, 0.2890, 0.5604



27.4440, 0.2426, 0.3934



7.9287, 0.3077, 0.3451



20.5398, 0.2877, 0.5557



0.4396, 0.2675, 0.4829

Inverse Universe

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



8.8736, 0.4145, 0.2057



16.0701, 0.4167, 0.2069



7.7885, 0.6054, 0.3109



7.1655, 0.3181, 0.3135



6.9981, 0.4135, 0.2051



0.1548, 0.3732, 0.1830

Previews

White Background



This preview shows how the Yxy color 26.0624, 0.2881, 0.5573 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 26.0624, 0.2881, 0.5573 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 26.0624, 0.2881, 0.5573

Background



This preview shows how black text looks on a background with the Yxy color 26.0624, 0.2881, 0.5573.



This preview shows how white text looks on a background with the Yxy color 26.0624, 0.2881, 0.5573.

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

26.0624, 0.2881, 0.5573

Protanopia

25.7076, 0.4243, 0.4665

Deuteranopia

25.5994, 0.4382, 0.4301



Tritanopia

25.9718, 0.2353, 0.3053

Trichromacy



Original Color

26.0624, 0.2881, 0.5573



Protanomaly

23.7095, 0.3492, 0.5157



Deuteranomaly

23.1817, 0.3557, 0.4896



Tritanomaly

25.3401, 0.2530, 0.3961

Monochromacy



Original Color

26.0624, 0.2881, 0.5573



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

15.8651, 0.2892, 0.4280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0624, 0.2881, 0.5573 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 49) }
```

Border

The CSS property to change the border of an element to Yxy 26.0624, 0.2881, 0.5573 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, 49) }
```

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

```
.border{ border-color:rgb(0, 162, 49) }
```

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, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 49);  
box-shadow:4px 4px 4px 4px rgb(0, 162, 49)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.0624, 0.2881, 0.5573 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, 49) }
```

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

```
.background{ background-color: rgb(0, 162,  
49) }
```

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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