

Converting Colors

$Yxy(26.5973, 0.2919, 0.5877)$

Have a look what the booklet for
Yxy(26.5973, 0.2919, 0.5877)
contains.

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Color

Yxy(26.6301, 0.2957, 0.5844)

Conversions

Conversions Part 1

Format	Color
Hex	00A41B
RGB	0, 164, 27
RGB Percent	0%, 64%, 11%
CMY	0.9993, 0.3569, 0.8943
CMYK	1.00, 0.00, 0.84, 0.36
HSL	130°, 100%, 32%
HSV	130°, 100%, 64%
XYZ	13.4745, 26.6301, 5.4636
YIQ	99.3460, -53.7670, -77.3750

Conversions

Conversions Part 2

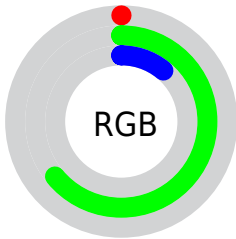
Format	Color
R_{YB}	0, 141, 164
Decimal	42011
CIE _{Lab}	58.63, -60.97, 54.90
CIE _{LCh}	59, 82.048, 137.996
Y _{xy}	26.6301, 0.2957, 0.5844
Android (android.graphics.Color)	4278232091 (0xFF00A41B)
YUV	99.3460, -35.6666, -87.1264
Hunter-Lab	51.6044, -43.6991, 29.8457

Details

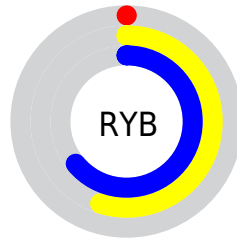
The Yxy color **26.6301, 0.2957, 0.5844** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9.7094, 0.3666, 0.1794**, and the grayscale version is **12.6851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1018, 0.3072, 0.5259**, and **11.1519, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.6293, 0.2957, 0.5846**, and if you desaturate by 10%, it is **26.8243, 0.2942, 0.5679**.

Distribution



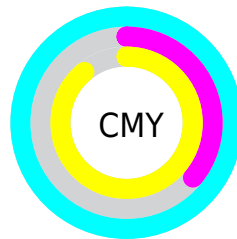
- Red (0%)
- Green (64%)
- Blue (11%)



- Red (0%)
- Yellow (55%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6301, 0.2957, 0.5844 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 26.6301, 0.2957, 0.5844 by changing the saturation by 10% instead.

 26.6301, 0.2957,
0.5844


 26.6301, 0.2957,
0.5844


285.8616, 0.3160,
0.4353


 17.2956, 0.2840,
0.6269


 54.2897, 0.3073,
0.5255


 10.4455, 0.2640,
0.6825


 73.3836, 0.3103,
0.5047

 5.6953, 0.2325,
0.7675

 96.4995, 0.3123,
0.4877

 2.6607, 0.1507,
0.8493

 124.0217, 0.3136,
0.4736

 0.9573, 0.0000,
1.0000

 156.3346, 0.3146,
0.4617

 0.0000, 0.0000,
0.0000

 193.8226, 0.3152,

0.4516

236.8702, 0.3157,
0.4429

■ 26.6301, 0.2957,
0.5844

■ 26.6301, 0.2957,
0.5844

■ 26.6293, 0.2957,
0.5846

■ 26.8243, 0.2942,
0.5679

■ 27.1442, 0.2931,
0.5458

■ 27.6324, 0.2932,
0.5190

■ 28.3086, 0.2943,
0.4893

■ 29.1896, 0.2963,
0.4586

■ 30.2905, 0.2991,
0.4283

■ 31.6249, 0.3023,
0.3997

■ 33.2052, 0.3057,
0.3734

■ 35.0431, 0.3093,
0.3497

Harmonies

Analogous

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



26.6301, 0.4106, 0.5527



26.6301, 0.2957, 0.5844



26.6301, 0.1902, 0.4734

Triad

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



26.6301, 0.2957, 0.5844



26.6301, 0.1248, 0.1546



26.6301, 0.5383, 0.2952

Complementary

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



26.6301, 0.2957, 0.5844



9.7094, 0.3666, 0.1794

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.



26.6301, 0.4180, 0.2254



26.6301, 0.2957, 0.5844



26.6301, 0.1779, 0.1491

Square

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



26.6301, 0.2957, 0.5844



26.6301, 0.1078, 0.1989



26.6301, 0.2777, 0.1736



26.6301, 0.5683, 0.3726

Rectangle

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



26.6301, 0.2957, 0.5844



26.6301, 0.1416, 0.3569



26.6301, 0.2777, 0.1736



26.6301, 0.5059, 0.2709

Sweetspot

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



26.6312, 0.2957, 0.5844



57.2263, 0.3021, 0.4016



32.0774, 0.3933, 0.5258



12.2907, 0.3008, 0.4128



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.



26.6312, 0.2957, 0.5844



48.3158, 0.2963, 0.5867



27.6068, 0.2574, 0.4465



7.9131, 0.3095, 0.3483



20.4228, 0.2954, 0.5833



0.4342, 0.2805, 0.5298

Inverse Universe

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



9.7094, 0.3666, 0.1794



17.5890, 0.3676, 0.1799



8.1972, 0.5551, 0.2833



7.1822, 0.3161, 0.3104



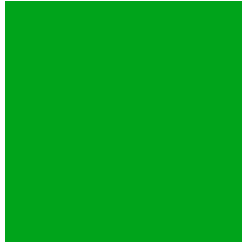
7.4468, 0.3661, 0.1790



0.1615, 0.3474, 0.1687

Previews

White Background



This preview shows how the Yxy color 26.6301, 0.2957, 0.5844 looks on a white background.

Color Contrast Check

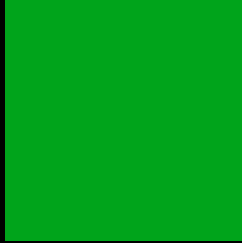
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6301, 0.2957, 0.5844 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 26.6301, 0.2957, 0.5844

Background



This preview shows how black text looks on a background with the Yxy color 26.6301, 0.2957, 0.5844.



This preview shows how white text looks on a background with the Yxy color 26.6301, 0.2957, 0.5844.

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

26.6301, 0.2957, 0.5844

Protanopia

26.3694, 0.4348, 0.4828

Deuteranopia

26.1870, 0.4536, 0.4441



Tritanopia

26.7280, 0.2365, 0.3073

Trichromacy



Original Color

26.6301, 0.2957, 0.5844



Protanomaly

24.3235, 0.3596, 0.5376



Deuteranomaly

23.5312, 0.3696, 0.5114



Tritanomaly

25.8653, 0.2589, 0.4147

Monochromacy



Original Color

26.6301, 0.2957, 0.5844



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

15.7037, 0.2967, 0.4509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6301, 0.2957, 0.5844 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, 164, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 27)  
}
```

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, 164, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 27) }
```

Border

The CSS property to change the border of an element to Yxy 26.6301, 0.2957, 0.5844 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, 164, 27) }
```

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

```
.border{ border-color:rgb(0, 164, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 164, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 27);  
box-shadow:4px 4px 4px 4px rgb(0, 164, 27)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.6301, 0.2957, 0.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 27) }
```

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

```
.background{ background-color: rgb(0, 164,  
27) }
```

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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