

Converting Colors

$Yxy(26.8134, 0.2983, 0.5931)$

Have a look what the booklet for
Yxy(26.8134, 0.2983, 0.5931)
contains.

Yxy(26.9512, 0.2982, 0.5931)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	29

Color

Yxy(26.9512, 0.2982, 0.5931)

Conversions

Conversions Part 1

Format	Color
Hex	01A50F
RGB	1, 165, 15
RGB Percent	0%, 65%, 6%
CMY	0.9974, 0.3529, 0.9412
CMYK	1.00, 0.00, 0.91, 0.35
HSL	125°, 99%, 32%
HSV	125°, 100%, 65%
XYZ	13.5506, 26.9512, 4.9395
YIQ	98.8640, -49.5940, -81.4180

Conversions

Conversions Part 2

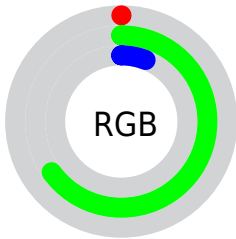
Format	Color
RYB	1, 152, 165
Decimal	107791
CIELab	58.93, -61.77, 57.86
CIELCh	59, 84.634, 136.872
Yxy	26.9512, 0.2982, 0.5931
Android (android.graphics.Color)	4278297871 (0xFF01A50F)
YUV	98.8640, -41.3450, -85.8267
Hunter-Lab	51.9145, -44.2589, 30.6990

Details

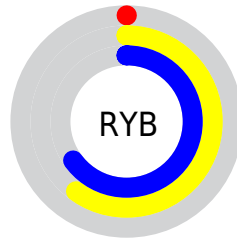
The Yxy color **26.9512, 0.2982, 0.5931** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **10.2378, 0.3438, 0.1670**, and the grayscale version is **12.5306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5901, 0.3100, 0.5331**, and **11.3689, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.9464, 0.2982, 0.5935**, and if you desaturate by 10%, it is **27.1283, 0.2976, 0.5798**.

Distribution



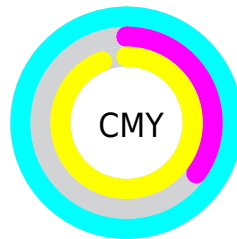
- Red (0%)
- Green (65%)
- Blue (6%)



- Red (0%)
- Yellow (60%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (91%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9512, 0.2982, 0.5931 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 26.9512, 0.2982, 0.5931 by changing the saturation by 10% instead.


 26.9512, 0.2982,
0.5931


 26.9512, 0.2982,
0.5931


287.4208, 0.3182,
0.4398


 17.5366, 0.2860,
0.6359


 54.8055, 0.3101,
0.5331


 10.6178, 0.2656,
0.6922


 74.0141, 0.3130,
0.5117

 5.8105, 0.2309,
0.7691

 97.2560, 0.3150,
0.4941

 2.7302, 0.1506,
0.8494

 124.9157, 0.3162,
0.4795

 0.9925, 0.0000,
1.0000

 157.3777, 0.3171,
0.4672

 0.0000, 0.0000,
0.0000


 195.0263, 0.3176,

0.4567


 238.2458, 0.3180,
0.4477


 26.9512, 0.2982,
0.5931


 26.9512, 0.2982,
0.5931


 26.9464, 0.2982,
0.5935

 27.1283, 0.2976,
0.5798

 27.4383, 0.2973,
0.5595

 27.9239, 0.2978,
0.5330

 28.6061, 0.2989,
0.5022

 29.5031, 0.3007,
0.4695

■ 30.6309, 0.3029,
0.4368

■ 32.0039, 0.3054,
0.4056

■ 33.6355, 0.3079,
0.3768

■ 35.5379, 0.3104,
0.3510

Harmonies

Analogous

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



26.9512, 0.4151, 0.5536



26.9512, 0.2982, 0.5931



26.9512, 0.1902, 0.4844

Triad

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



26.9512, 0.2982, 0.5931



26.9512, 0.1202, 0.1521



26.9512, 0.5409, 0.2909

Complementary

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



26.9512, 0.2982, 0.5931



10.2378, 0.3438, 0.1670

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.



26.9512, 0.4149, 0.2207



26.9512, 0.2982, 0.5931



26.9512, 0.1723, 0.1455

Square

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



26.9512, 0.2982, 0.5931



26.9512, 0.1043, 0.1983



26.9512, 0.2718, 0.1692



26.9512, 0.5744, 0.3686

Rectangle

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



26.9512, 0.2982, 0.5931



26.9512, 0.1399, 0.3636



26.9512, 0.2718, 0.1692



26.9512, 0.5066, 0.2664

Sweetspot

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



26.9523, 0.2982, 0.5931



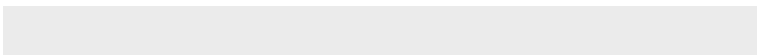
57.0579, 0.3051, 0.4084



33.5243, 0.4049, 0.5165



12.2516, 0.3041, 0.4207



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.



26.9523, 0.2982, 0.5931



48.2404, 0.2986, 0.5949



27.7721, 0.2639, 0.4699



7.9046, 0.3105, 0.3501



20.3862, 0.2979, 0.5926



0.4312, 0.2889, 0.5601

Inverse Universe

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



10.2378, 0.3438, 0.1670



18.2890, 0.3444, 0.1671



8.4458, 0.5278, 0.2685



7.1915, 0.3150, 0.3087



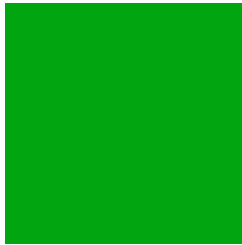
7.7357, 0.3437, 0.1667



0.1654, 0.3345, 0.1617

Previews

White Background



This preview shows how the Yxy color 26.9512, 0.2982, 0.5931 looks on a white background.

Color Contrast Check

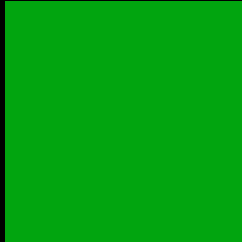
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9512, 0.2982, 0.5931 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 26.9512, 0.2982, 0.5931

Background



This preview shows how black text looks on a background with the Yxy color 26.9512, 0.2982, 0.5931.



This preview shows how white text looks on a background with the Yxy color 26.9512, 0.2982, 0.5931.

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

26.9512, 0.2982, 0.5931

Deuteranopia

26.5372, 0.4571, 0.4492

Tritanopia

26.8008, 0.2364, 0.3056

Trichromacy



Original Color

26.9512, 0.2982, 0.5931



Deuteranomaly

23.8552, 0.3736, 0.5191



Tritanomaly

25.7971, 0.2620, 0.4233

Monochromacy



Original Color

26.9512, 0.2982, 0.5931



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

15.6400, 0.3014, 0.4632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9512, 0.2982, 0.5931 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(1, 165, 15)` looks like.

```
.text, #text, p{  
    color:rgb(1, 165, 15)  
}
```

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(1, 165, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 165, 15) }
```

Border

The CSS property to change the border of an element to Yxy 26.9512, 0.2982, 0.5931 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(1, 165, 15) }
```

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

```
.border{ border-color:rgb(1, 165, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 165, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 165, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 165, 15);  
box-shadow:4px 4px 4px 4px rgb(1, 165, 15)  
}
```

Background

The CSS property to change the background color of an element to Yxy 26.9512, 0.2982, 0.5931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 165, 15) }
```

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

```
.background{ background-color: rgb(1, 165,  
15) }
```

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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