

Converting Colors

$Yxy(26.9560, 0.2936, 0.5374)$

Have a look what the booklet for
Yxy(26.9560, 0.2936, 0.5374)
contains.

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Color

Yxy(26.9312, 0.2936, 0.5380)

Conversions

Conversions Part 1

Format	Color
Hex	27A33A
RGB	39, 163, 58
RGB Percent	15%, 64%, 23%
CMY	0.8472, 0.3608, 0.7724
CMYK	0.76, 0.00, 0.64, 0.36
HSL	129°, 61%, 40%
HSV	129°, 76%, 64%
XYZ	14.6970, 26.9312, 8.4298
YIQ	113.9540, -40.1990, -58.9430

Conversions

Conversions Part 2

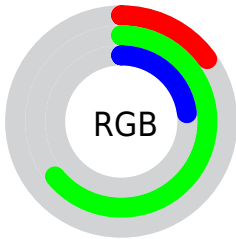
Format	Color
R_{YB}	39, 147, 163
Decimal	2597690
CIE _{Lab}	58.91, -54.52, 43.92
CIE _{LCh}	59, 70.007, 141.149
Yxy	26.9312, 0.2936, 0.5380
Android (android.graphics.Color)	4280787770 (0xFF27A33A)
YUV	113.9540, -27.5853, -65.7347
Hunter-Lab	51.8953, -40.2646, 26.6957

Details

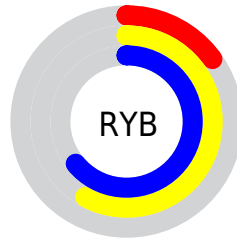
The Yxy color **26.9312, 0.2936, 0.5380** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **11.2474, 0.3503, 0.1889**, and the grayscale version is **16.9041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7704, 0.3030, 0.4893**, and **11.1519, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.5577, 0.2942, 0.5620**, and if you desaturate by 10%, it is **27.4812, 0.2941, 0.5098**.

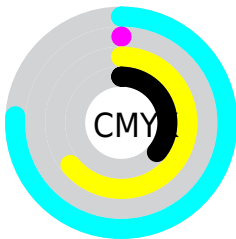
Distribution



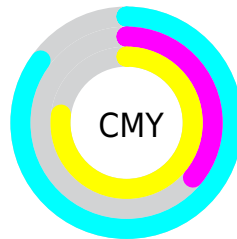
- Red (15%)
- Green (64%)
- Blue (23%)



- Red (15%)
- Yellow (58%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (64%)
- Black (36%)





- Cyan (85%)
- Magenta (36%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9312, 0.2936, 0.5380 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 26.9312, 0.2936, 0.5380 by changing the saturation by 10% instead.


 26.9312, 0.2936,
0.5380


 26.9312, 0.2936,
0.5380


287.3239, 0.3109,
0.4156


 17.5216, 0.2850,
0.5746


 54.7734, 0.3026,
0.4889


 10.6070, 0.2706,
0.6246


 73.9748, 0.3051,
0.4719

 5.8033, 0.2475,
0.7024

 97.2089, 0.3068,
0.4580


 2.7258, 0.1947,
0.8053

 124.8601, 0.3081,
0.4466

 0.9903, 0.0000,
1.0000

 157.3128, 0.3091,
0.4369

 0.0000, 0.0000,
0.0000

 194.9514, 0.3098,

0.4288

238.1603, 0.3104,
0.4217

■ 26.9312, 0.2936,
0.5380

■ 26.9312, 0.2936,
0.5380

■ 26.5577, 0.2942,
0.5620

■ 27.4812, 0.2941,
0.5098

■ 26.3330, 0.2956,
0.5802

■ 28.2227, 0.2956,
0.4793

■ 26.2664, 0.2961,
0.5859

■ 29.1728, 0.2978,
0.4483

■ 30.3458, 0.3007,
0.4182

■ 31.7547, 0.3039,
0.3901

■ 33.4116, 0.3073,
0.3645

■ 35.3276, 0.3107,
0.3416

■ 37.5132, 0.3140,
0.3214

■ 39.9784, 0.3171,
0.3038

Harmonies

Analogous

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



26.9312, 0.3968, 0.5330



26.9312, 0.2936, 0.5380



26.9312, 0.2005, 0.4349

Triad

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



26.9312, 0.2936, 0.5380



26.9312, 0.1480, 0.1724



26.9312, 0.5132, 0.3107

Complementary

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



26.9312, 0.2936, 0.5380



11.2474, 0.3503, 0.1889

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.



26.9312, 0.4164, 0.2447



26.9312, 0.2936, 0.5380



26.9312, 0.2017, 0.1693

Square

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



26.9312, 0.2936, 0.5380



26.9312, 0.1292, 0.2108



26.9312, 0.2954, 0.1946



26.9312, 0.5352, 0.3841

Rectangle

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



26.9312, 0.2936, 0.5380



26.9312, 0.1582, 0.3410



26.9312, 0.2954, 0.1946



26.9312, 0.4876, 0.2877

Sweetspot

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



26.9323, 0.2936, 0.5380



57.6150, 0.3048, 0.3830



32.3074, 0.3901, 0.5034



12.7237, 0.3037, 0.3923



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.



26.9323, 0.2936, 0.5380



47.2699, 0.2951, 0.5747



27.9727, 0.2567, 0.4150



7.9120, 0.3096, 0.3486



20.4172, 0.2958, 0.5847



0.4338, 0.2815, 0.5335

Inverse Universe

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



11.2474, 0.3503, 0.1889



17.7919, 0.3596, 0.1791



9.8506, 0.4789, 0.2717



7.1834, 0.3160, 0.3102



7.4819, 0.3631, 0.1774



0.1620, 0.3457, 0.1678

Previews

White Background



This preview shows how the Yxy color 26.9312, 0.2936, 0.5380 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 26.9312, 0.2936, 0.5380 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 26.9312, 0.2936, 0.5380

Background



This preview shows how black text looks on a background with the Yxy color 26.9312, 0.2936, 0.5380.



This preview shows how white text looks on a background with the Yxy color 26.9312, 0.2936, 0.5380.

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

26.9312, 0.2936, 0.5380

Protanopia

26.4658, 0.4175, 0.4594

Deuteranopia

26.4541, 0.4323, 0.4237



Tritanopia

26.9549, 0.2397, 0.3075

Trichromacy



Original Color

26.9312, 0.2936, 0.5380



Protanomaly

25.3386, 0.3591, 0.4958



Deuteranomaly

24.9809, 0.3672, 0.4702



Tritanomaly

26.6124, 0.2598, 0.3896

Monochromacy



Original Color

26.9312, 0.2936, 0.5380



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

19.3369, 0.3015, 0.4104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9312, 0.2936, 0.5380 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(39, 163, 58)` looks like.

```
.text, #text, p{  
    color:rgb(39, 163, 58)  
}
```

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(39, 163, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 163, 58) }
```

Border

The CSS property to change the border of an element to Yxy 26.9312, 0.2936, 0.5380 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(39, 163, 58) }
```

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

```
.border{ border-color:rgb(39, 163, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 163, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 163, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 163, 58);  
box-shadow:4px 4px 4px 4px rgb(39, 163,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9312, 0.2936, 0.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 163, 58) }
```

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

```
.background{ background-color: rgb(39, 163,  
58) }
```

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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