

Converting Colors

$Yxy(26.7414, 0.2909, 0.5434)$

Have a look what the booklet for
Yxy(26.7414, 0.2909, 0.5434)
contains.

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Color

Yxy(26.7411, 0.2910, 0.5434)

Conversions

Conversions Part 1

Format	Color
Hex	1DA338
RGB	29, 163, 56
RGB Percent	11%, 64%, 22%
CMY	0.8858, 0.3608, 0.7803
CMYK	0.82, 0.00, 0.66, 0.36
HSL	132°, 70%, 38%
HSV	132°, 82%, 64%
XYZ	14.3203, 26.7411, 8.1493
YIQ	110.7360, -45.5170, -61.6850

Conversions

Conversions Part 2

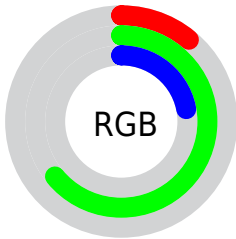
Format	Color
R_{YB}	29, 141, 163
Decimal	1942328
CIE _{Lab}	58.73, -56.07, 44.57
CIE _{LCh}	59, 71.626, 141.522
Yxy	26.7411, 0.2910, 0.5434
Android (android.graphics.Color)	4280132408 (0xFF1DA338)
YUV	110.7360, -26.9848, -71.6825
Hunter-Lab	51.7118, -41.0644, 26.8547

Details

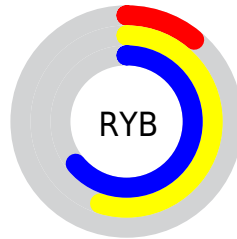
The Yxy color **26.7411, 0.2910, 0.5434** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10.4514, 0.3653, 0.1909**, and the grayscale version is **15.9161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3772, 0.3007, 0.4936**, and **11.1519, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.4521, 0.2925, 0.5650**, and if you desaturate by 10%, it is **27.1912, 0.2907, 0.5175**.

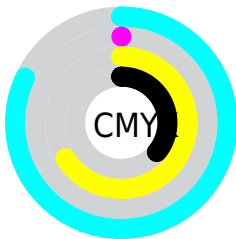
Distribution



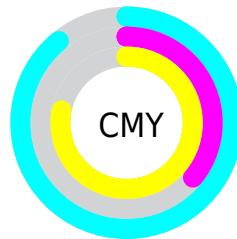
- Red (11%)
- Green (64%)
- Blue (22%)



- Red (11%)
- Yellow (55%)
- Blue (64%)



- Cyan (82%)
- Magenta (0%)
- Yellow (66%)
- Black (36%)





- Cyan (89%)
- Magenta (36%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7411, 0.2910, 0.5434 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 26.7411, 0.2910, 0.5434 by changing the saturation by 10% instead.


 26.7411, 0.2910,
0.5434


 26.7411, 0.2910,
0.5434


286.4014, 0.3101,
0.4175


 17.3789, 0.2818,
0.5811


 54.4681, 0.3008,
0.4929


 10.5050, 0.2663,
0.6325


 73.6017, 0.3035,
0.4753

 5.7350, 0.2422,
0.7145

 96.7613, 0.3055,
0.4611

 2.6846, 0.1833,
0.8167

 124.3311, 0.3069,
0.4493

 0.9694, 0.0000,
1.0000

 156.6956, 0.3080,
0.4394

 0.0000, 0.0000,
0.0000

 194.2392, 0.3089,

0.4310

237.3464, 0.3095,
0.4238

■ 26.7411, 0.2910,
0.5434

■ 26.7411, 0.2910,
0.5434

■ 26.4521, 0.2925,
0.5650

■ 27.1912, 0.2907,
0.5175

■ 26.3020, 0.2940,
0.5785

■ 27.8188, 0.2916,
0.4889

■ 28.6419, 0.2936,
0.4593

■ 29.6753, 0.2965,
0.4301

■ 30.9322, 0.3000,
0.4023

■ 32.4251, 0.3038,
0.3767

■ 34.1652, 0.3078,
0.3536

■ 36.1631, 0.3119,
0.3331

■ 38.4288, 0.3158,
0.3150

Harmonies

Analogous

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



26.7411, 0.3961, 0.5379



26.7411, 0.2910, 0.5434



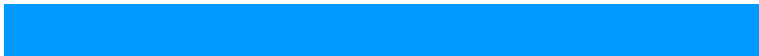
26.7411, 0.1967, 0.4360

Triad

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



26.7411, 0.2910, 0.5434



26.7411, 0.1454, 0.1691



26.7411, 0.5188, 0.3106

Complementary

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



26.7411, 0.2910, 0.5434



10.4514, 0.3653, 0.1909

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.



26.7411, 0.4204, 0.2436



26.7411, 0.2910, 0.5434



26.7411, 0.2003, 0.1665

Square

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



26.7411, 0.2910, 0.5434



26.7411, 0.1260, 0.2072



26.7411, 0.2962, 0.1926



26.7411, 0.5396, 0.3849

Rectangle

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



26.7411, 0.2910, 0.5434



26.7411, 0.1543, 0.3392



26.7411, 0.2962, 0.1926



26.7411, 0.4931, 0.2872

Sweetspot

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



26.7422, 0.2910, 0.5434



57.1346, 0.3025, 0.3850



31.5358, 0.3850, 0.5164



12.6314, 0.3012, 0.3935



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.



26.7422, 0.2910, 0.5434



47.1092, 0.2945, 0.5796



27.8825, 0.2517, 0.4087



7.9172, 0.3090, 0.3475



20.4476, 0.2937, 0.5772



0.4356, 0.2767, 0.5162

Inverse Universe

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



10.4514, 0.3653, 0.1909



16.8766, 0.3792, 0.1866



9.1040, 0.5150, 0.2819



7.1777, 0.3167, 0.3112



7.3161, 0.3781, 0.1856



0.1596, 0.3540, 0.1724

Previews

White Background



This preview shows how the Yxy color 26.7411, 0.2910, 0.5434 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 26.7411, 0.2910, 0.5434 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 26.7411, 0.2910, 0.5434

Background



This preview shows how black text looks on a background with the Yxy color 26.7411, 0.2910, 0.5434.



This preview shows how white text looks on a background with the Yxy color 26.7411, 0.2910, 0.5434.

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

26.7411, 0.2910, 0.5434

Protanopia

26.1546, 0.4199, 0.4603

Deuteranopia

26.0409, 0.4339, 0.4252



Tritanopia

26.5127, 0.2377, 0.3056

Trichromacy



Original Color

26.7411, 0.2910, 0.5434



Protanomaly

24.7427, 0.3565, 0.5001



Deuteranomaly

24.3593, 0.3646, 0.4743



Tritanomaly

26.0984, 0.2576, 0.3904

Monochromacy



Original Color

26.7411, 0.2910, 0.5434



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

18.4699, 0.2981, 0.4151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7411, 0.2910, 0.5434 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(29, 163, 56)` looks like.

```
.text, #text, p{  
    color:rgb(29, 163, 56)  
}
```

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(29, 163, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 163, 56) }
```

Border

The CSS property to change the border of an element to Yxy 26.7411, 0.2910, 0.5434 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(29, 163, 56) }
```

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

```
.border{ border-color:rgb(29, 163, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 163, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 163, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 163, 56);  
box-shadow:4px 4px 4px 4px rgb(29, 163,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7411, 0.2910, 0.5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 163, 56) }
```

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

```
.background{ background-color: rgb(29, 163,  
56) }
```

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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