

Converting Colors

$Yxy(26.7693, 0.2936, 0.5286)$

Have a look what the booklet for
Yxy(26.7693, 0.2936, 0.5286)
contains.

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Color

Yxy(26.7239, 0.2937, 0.5293)

Conversions

Conversions Part 1

Format	Color
Hex	2CA23E
RGB	44, 162, 62
RGB Percent	17%, 64%, 24%
CMY	0.8275, 0.3647, 0.7568
CMYK	0.73, 0.00, 0.62, 0.36
HSL	129°, 57%, 40%
HSV	129°, 73%, 64%
XYZ	14.8287, 26.7239, 8.9366
YIQ	115.3180, -38.2280, -56.1160

Conversions

Conversions Part 2

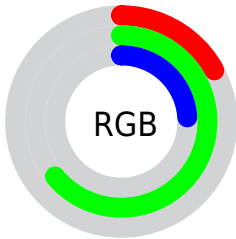
Format	Color
R_{YB}	44, 146, 162
Decimal	2925118
CIE _{Lab}	58.72, -52.89, 41.91
CIE _{LCh}	59, 67.481, 141.609
Yxy	26.7239, 0.2937, 0.5293
Android (android.graphics.Color)	4281115198 (0xFF2CA23E)
YUV	115.3180, -26.2858, -62.5459
Hunter-Lab	51.6952, -39.2642, 25.9371

Details

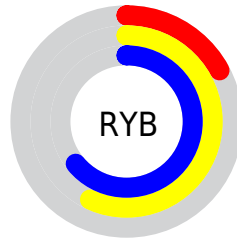
The Yxy color **26.7239, 0.2937, 0.5293** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **11.4954, 0.3482, 0.1921**, and the grayscale version is **17.3367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4609, 0.3021, 0.4823**, and **10.9504, 0.2982, 0.5936** is the 20% darker color. If you saturate the color by 10%, you get **26.3015, 0.2939, 0.5548**, and if you desaturate by 10%, it is **27.3266, 0.2945, 0.5002**.

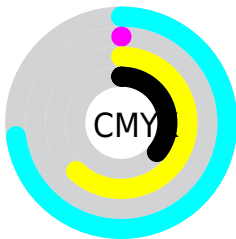
Distribution



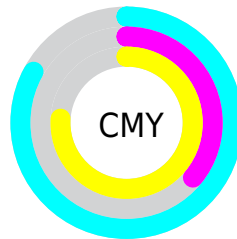
- Red (17%)
- Green (64%)
- Blue (24%)



- Red (17%)
- Yellow (57%)
- Blue (64%)



- Cyan (73%)
- Magenta (0%)
- Yellow (62%)
- Black (36%)





- Cyan (83%)
- Magenta (36%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7239, 0.2937, 0.5293 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 26.7239, 0.2937, 0.5293 by changing the saturation by 10% instead.


 26.7239, 0.2937,
0.5293


 26.7239, 0.2937,
0.5293


286.3178, 0.3103,
0.4119


 17.3660, 0.2856,
0.5647


 54.4405, 0.3022,
0.4821


 10.4958, 0.2721,
0.6133


 73.5680, 0.3046,
0.4658

 5.7289, 0.2494,
0.6869

 96.7207, 0.3063,
0.4525

 2.6809, 0.2019,
0.7981

 124.2832, 0.3076,
0.4415

 0.9675, 0.0000,
1.0000

 156.6397, 0.3085,
0.4323

 0.0000, 0.0000,
0.0000

194.1747, 0.3093,

0.4245

237.2726, 0.3099,
0.4177

■ 26.7239, 0.2937,
0.5293

■ 26.7239, 0.2937,
0.5293

■ 26.3015, 0.2939,
0.5548

■ 27.3266, 0.2945,
0.5002

■ 26.0357, 0.2952,
0.5750

■ 28.1236, 0.2963,
0.4693

■ 25.9108, 0.2961,
0.5859

■ 29.1309, 0.2988,
0.4384

■ 30.3624, 0.3018,
0.4089

■ 31.8304, 0.3050,
0.3815

■ 33.5466, 0.3084,
0.3568

■ 35.5216, 0.3118,
0.3348

■ 37.7658, 0.3150,
0.3154

■ 40.2886, 0.3181,
0.2986

Harmonies

Analogous

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



26.7239, 0.3944, 0.5280



26.7239, 0.2937, 0.5293



26.7239, 0.2031, 0.4290

Triad

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



26.7239, 0.2937, 0.5293



26.7239, 0.1526, 0.1762



26.7239, 0.5076, 0.3131

Complementary

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



26.7239, 0.2937, 0.5293



11.4954, 0.3482, 0.1921

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.



26.7239, 0.4150, 0.2481



26.7239, 0.2937, 0.5293



26.7239, 0.2059, 0.1734

Square

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



26.7239, 0.2937, 0.5293



26.7239, 0.1336, 0.2136



26.7239, 0.2979, 0.1986



26.7239, 0.5287, 0.3854

Rectangle

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



26.7239, 0.2937, 0.5293



26.7239, 0.1619, 0.3392



26.7239, 0.2979, 0.1986



26.7239, 0.4832, 0.2904

Sweetspot

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



26.7250, 0.2937, 0.5293



57.9071, 0.3052, 0.3804



31.9799, 0.3886, 0.4985



12.8418, 0.3043, 0.3872



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.



26.7250, 0.2937, 0.5293



47.4343, 0.2945, 0.5673



27.7501, 0.2574, 0.4107



7.9119, 0.3096, 0.3486



20.4166, 0.2958, 0.5849



0.4337, 0.2816, 0.5338

Inverse Universe

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



11.4954, 0.3482, 0.1921



18.1934, 0.3572, 0.1802



10.1432, 0.4680, 0.2720



7.1835, 0.3160, 0.3102



7.4853, 0.3628, 0.1772



0.1620, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 26.7239, 0.2937, 0.5293 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 26.7239, 0.2937, 0.5293 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 26.7239, 0.2937, 0.5293

Background



This preview shows how black text looks on a background with the Yxy color 26.7239, 0.2937, 0.5293.



This preview shows how white text looks on a background with the Yxy color 26.7239, 0.2937, 0.5293.

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

26.7239, 0.2937, 0.5293

Protanopia

26.1096, 0.4144, 0.4546

Deuteranopia

26.2630, 0.4272, 0.4211



Tritanopia

26.6733, 0.2410, 0.3075

Trichromacy



Original Color

26.7239, 0.2937, 0.5293



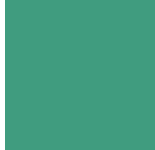
Protanomaly

25.1301, 0.3582, 0.4886



Deuteranomaly

24.7117, 0.3654, 0.4644



Tritanomaly

26.3992, 0.2605, 0.3856

Monochromacy



Original Color

26.7239, 0.2937, 0.5293



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

19.4709, 0.3016, 0.4055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7239, 0.2937, 0.5293 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(44, 162, 62)` looks like.

```
.text, #text, p{  
    color:rgb(44, 162, 62)  
}
```

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(44, 162, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 162, 62) }
```

Border

The CSS property to change the border of an element to Yxy 26.7239, 0.2937, 0.5293 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(44, 162, 62) }
```

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

```
.border{ border-color:rgb(44, 162, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 162, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 162, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 162, 62);  
box-shadow:4px 4px 4px 4px rgb(44, 162,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7239, 0.2937, 0.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 162, 62) }
```

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

```
.background{ background-color: rgb(44, 162,  
62) }
```

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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