

Converting Colors

$Y_{xy}(25.8664, 0.2821, 0.5320)$

Have a look what the booklet for
Yxy(25.8664, 0.2821, 0.5320)
contains.

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Color

Yxy(25.8873, 0.2824, 0.5329)

Conversions

Conversions Part 1

Format	Color
Hex	06A13F
RGB	6, 161, 63
RGB Percent	2%, 63%, 25%
CMY	0.9756, 0.3686, 0.7530
CMYK	0.96, 0.00, 0.61, 0.37
HSL	142°, 93%, 33%
HSV	142°, 96%, 63%
XYZ	13.7185, 25.8873, 8.9724
YIQ	103.4830, -60.9220, -63.3380

Conversions

Conversions Part 2

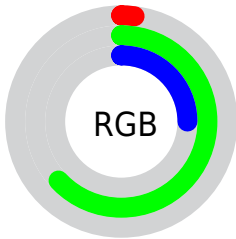
Format	Color
R_{YB}	6, 119, 161
Decimal	434495
CIE _{Lab}	57.93, -56.39, 40.43
CIE _{LCh}	58, 69.386, 144.357
Yxy	25.8873, 0.2824, 0.5329
Android (android.graphics.Color)	4278624575 (0xFF06A13F)
YUV	103.4830, -19.9581, -85.4926
Hunter-Lab	50.8796, -40.9109, 25.1602

Details

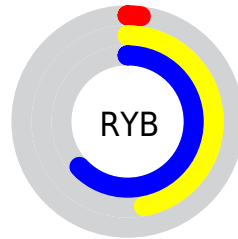
The Yxy color **25.8873, 0.2824, 0.5329** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8.7161, 0.4327, 0.2183**, and the grayscale version is **13.7814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0648, 0.2932, 0.4837**, and **10.7448, 0.2973, 0.5903** is the 20% darker color. If you saturate the color by 10%, you get **25.8059, 0.2834, 0.5404**, and if you desaturate by 10%, it is **26.1471, 0.2799, 0.5120**.

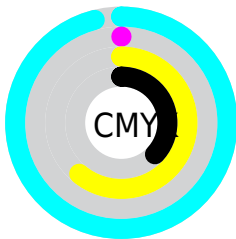
Distribution



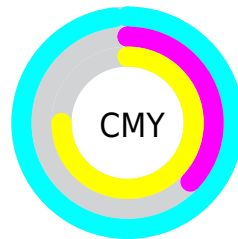
- Red (2%)
- Green (63%)
- Blue (25%)



- Red (2%)
- Yellow (47%)
- Blue (63%)



- Cyan (96%)
- Magenta (0%)
- Yellow (61%)
- Black (37%)




- Cyan (98%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8873, 0.2824, 0.5329 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 25.8873, 0.2824, 0.5329 by changing the saturation by 10% instead.


 25.8873, 0.2824,
0.5329


 25.8873, 0.2824,
0.5329


282.2284, 0.3053,
0.4122


 16.7393, 0.2726,
0.5699


 53.0931, 0.2934,
0.4840

 10.0488, 0.2566,
0.6213


 71.9197, 0.2966,
0.4672

 5.4313, 0.2304,
0.7000

 94.7413, 0.2990,
0.4536

 2.5025, 0.1693,
0.8307

 121.9423, 0.3009,
0.4424

 0.8779, 0.0000,
1.0000

 153.9072, 0.3024,
0.4330

 0.0000, 0.0000,
0.0000

 191.0202, 0.3035,

0.4250

233.6658, 0.3045,
0.4182

■ 25.8873, 0.2824,
0.5329

■ 25.8873, 0.2824,
0.5329

■ 25.8059, 0.2834,
0.5404

■ 26.1471, 0.2799,
0.5120

■ 26.5398, 0.2789,
0.4891

■ 27.0885, 0.2798,
0.4651

■ 27.8091, 0.2822,
0.4409

■ 28.7158, 0.2860,
0.4173

■ 29.8210, 0.2909,
0.3950

■ 31.1361, 0.2965,
0.3743

■ 32.6716, 0.3026,
0.3554

■ 34.4372, 0.3088,
0.3385

Harmonies

Analogous

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



25.8873, 0.3861, 0.5387



25.8873, 0.2824, 0.5329



25.8873, 0.1919, 0.4202

Triad

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



25.8873, 0.2824, 0.5329



25.8873, 0.1515, 0.1700



25.8873, 0.5203, 0.3181

Complementary

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



25.8873, 0.2824, 0.5329



8.7161, 0.4327, 0.2183

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.



25.8873, 0.4296, 0.2509



25.8873, 0.2824, 0.5329



25.8873, 0.2094, 0.1702

Square

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



25.8873, 0.2824, 0.5329



25.8873, 0.1291, 0.2041



25.8873, 0.3076, 0.1985



25.8873, 0.5336, 0.3923

Rectangle

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



25.8873, 0.2824, 0.5329



25.8873, 0.1527, 0.3269



25.8873, 0.3076, 0.1985



25.8873, 0.4975, 0.2948

Sweetspot

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



25.8884, 0.2824, 0.5329



54.9178, 0.2945, 0.3811



28.4609, 0.3583, 0.5508



11.8389, 0.2923, 0.3894



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.8884, 0.2824, 0.5329



46.1814, 0.2844, 0.5437



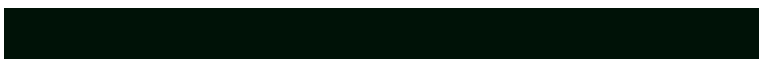
27.4339, 0.2365, 0.3691



7.9360, 0.3069, 0.3436



20.6178, 0.2830, 0.5389



0.4421, 0.2623, 0.4644

Inverse Universe

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



8.7161, 0.4327, 0.2183



15.2473, 0.4418, 0.2207



7.7903, 0.6108, 0.3180



7.1579, 0.3191, 0.3149



6.8251, 0.4378, 0.2185



0.1520, 0.3861, 0.1901

Previews

White Background



This preview shows how the Yxy color 25.8873, 0.2824, 0.5329 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 25.8873, 0.2824, 0.5329 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 25.8873, 0.2824, 0.5329

Background



This preview shows how black text looks on a background with the Yxy color 25.8873, 0.2824, 0.5329.



This preview shows how white text looks on a background with the Yxy color 25.8873, 0.2824, 0.5329.

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

25.8873, 0.2824, 0.5329

Protanopia

25.6208, 0.4130, 0.4546

Deuteranopia

25.5165, 0.4248, 0.4169



Tritanopia

25.8675, 0.2349, 0.3070

Trichromacy



Original Color

25.8873, 0.2824, 0.5329



Protanomaly

23.8925, 0.3415, 0.4952



Deuteranomaly

23.3896, 0.3469, 0.4683



Tritanomaly

25.4886, 0.2501, 0.3852

Monochromacy



Original Color

25.8873, 0.2824, 0.5329



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

16.6174, 0.2867, 0.4135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8873, 0.2824, 0.5329 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(6, 161, 63)` looks like.

```
.text, #text, p{  
    color:rgb(6, 161, 63)  
}
```

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(6, 161, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 161, 63) }
```

Border

The CSS property to change the border of an element to Yxy 25.8873, 0.2824, 0.5329 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(6, 161, 63) }
```

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

```
.border{ border-color:rgb(6, 161, 63) }
```

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

Here you see how a box with a 4 pixel rgb(6, 161, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 161, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 161, 63);  
box-shadow:4px 4px 4px 4px rgb(6, 161, 63)  
}
```


Background

The CSS property to change the background color of an element to Yxy 25.8873, 0.2824, 0.5329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 161, 63) }
```

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

```
.background{ background-color: rgb(6, 161,  
63) }
```

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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