

Converting Colors

$Yxy(26.0650, 0.2677, 0.4836)$

Have a look what the booklet for
Yxy(26.0650, 0.2677, 0.4836)
contains.

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Color

Yxy(26.1943, 0.2675, 0.4831)

Conversions

Conversions Part 1

Format	Color
Hex	00A158
RGB	0, 161, 88
RGB Percent	0%, 63%, 35%
CMY	1.0000, 0.3686, 0.6549
CMYK	1.00, 0.00, 0.45, 0.37
HSL	153°, 100%, 32%
HSV	153°, 100%, 63%
XYZ	14.5042, 26.1943, 13.5228
YIQ	104.5390, -72.5230, -56.8350

Conversions

Conversions Part 2

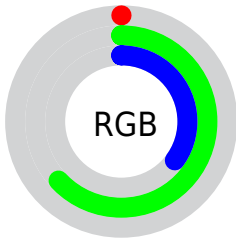
Format	Color
RYB	0, 104, 161
Decimal	41304
CIELab	58.22, -52.73, 28.18
CIELCh	58, 59.786, 151.876
Yxy	26.1943, 0.2675, 0.4831
Android (android.graphics.Color)	4278231384 (0xFF00A158)
YUV	104.5390, -8.1537, -91.6807
Hunter-Lab	51.1804, -38.9799, 20.1608

Details

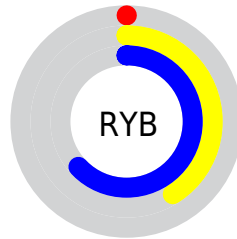
The Yxy color **26.1943, 0.2675, 0.4831** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8.0590, 0.5132, 0.2601**, and the grayscale version is **14.0335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6136, 0.2795, 0.4460**, and **10.8852, 0.2805, 0.5299** is the 20% darker color. If you saturate the color by 10%, you get **26.1966, 0.2675, 0.4831**, and if you desaturate by 10%, it is **26.4348, 0.2653, 0.4664**.

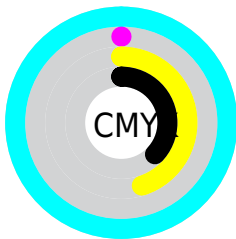
Distribution



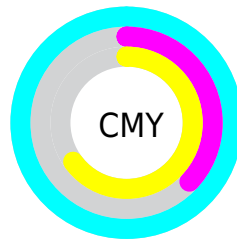
- Red (0%)
- Green (63%)
- Blue (35%)



- Red (0%)
- Yellow (41%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (37%)




- Cyan (100%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1943, 0.2675, 0.4831 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 26.1943, 0.2675, 0.4831 by changing the saturation by 10% instead.


 26.1943, 0.2675,
0.4831


 26.1943, 0.2675,
0.4831

283.7346, 0.2957,
0.3924


 16.9691, 0.2579,
0.5114

 53.5882, 0.2794,
0.4462

 10.2124, 0.2435,
0.5517


 72.5257, 0.2834,
0.4336


 5.5400, 0.2204,
0.6126

 95.4694, 0.2865,
0.4234

 2.5675, 0.1840,
0.7499

 122.8037, 0.2890,
0.4150

 0.9103, 0.0000,
1.0000

 154.9129, 0.2911,
0.4080

 0.0000, 0.0000,
0.0000

 192.1816, 0.2929,

0.4020

234.9940, 0.2944,
0.3969

■ 26.1943, 0.2675,
0.4831

■ 26.1943, 0.2675,
0.4831

■ 26.1966, 0.2675,
0.4831

■ 26.4348, 0.2653,
0.4664

■ 26.7737, 0.2646,
0.4491

■ 27.2515, 0.2659,
0.4316

■ 27.8847, 0.2690,
0.4143

■ 28.6876, 0.2738,
0.3974

■ 29.6724, 0.2800,
0.3814

■ 30.8504, 0.2873,
0.3665

■ 32.2320, 0.2954,
0.3527

■ 33.8266, 0.3039,
0.3402

Harmonies

Analogous

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



26.1943, 0.3597, 0.5168



26.1943, 0.2675, 0.4831



26.1943, 0.1928, 0.3773

Triad

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



26.1943, 0.2675, 0.4831



26.1943, 0.1791, 0.1850



26.1943, 0.5022, 0.3397

Complementary

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



26.1943, 0.2675, 0.4831



8.0590, 0.5132, 0.2601

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.



26.1943, 0.4379, 0.2756



26.1943, 0.2675, 0.4831



26.1943, 0.2411, 0.1913

Square

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



26.1943, 0.2675, 0.4831



26.1943, 0.1506, 0.2089



26.1943, 0.3353, 0.2232



26.1943, 0.5006, 0.4089

Rectangle

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



26.1943, 0.2675, 0.4831



26.1943, 0.1627, 0.3031



26.1943, 0.3353, 0.2232



26.1943, 0.4877, 0.3175

Sweetspot

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



26.1966, 0.2675, 0.4831



55.1170, 0.2869, 0.3673



26.9935, 0.3329, 0.5739



11.8979, 0.2839, 0.3731



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.



26.1966, 0.2675, 0.4831



46.8713, 0.2683, 0.4860



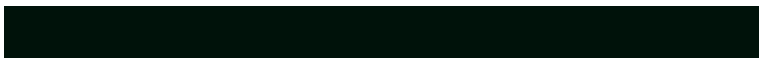
26.2297, 0.2219, 0.3187



7.9568, 0.3045, 0.3394



20.9289, 0.2672, 0.4817



0.4491, 0.2500, 0.4201

Inverse Universe

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



8.0590, 0.5132, 0.2601



14.3928, 0.5175, 0.2625



7.6943, 0.6372, 0.3322



7.1369, 0.3217, 0.3189



6.4439, 0.5113, 0.2590



0.1449, 0.4273, 0.2128

Previews

White Background



This preview shows how the Yxy color 26.1943, 0.2675, 0.4831 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 26.1943, 0.2675, 0.4831 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 26.1943, 0.2675, 0.4831

Background



This preview shows how black text looks on a background with the Yxy color 26.1943, 0.2675, 0.4831.



This preview shows how white text looks on a background with the Yxy color 26.1943, 0.2675, 0.4831.

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

26.1943, 0.2675, 0.4831

Protanopia

25.8167, 0.3908, 0.4236

Deuteranopia

25.7083, 0.3949, 0.3878



Tritanopia

26.1337, 0.2323, 0.3053

Trichromacy



Original Color

26.1943, 0.2675, 0.4831



Protanomaly

24.0334, 0.3200, 0.4544



Deuteranomaly

23.4818, 0.3223, 0.4277



Tritanomaly

25.6609, 0.2419, 0.3644

Monochromacy



Original Color

26.1943, 0.2675, 0.4831



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

16.7614, 0.2763, 0.3891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1943, 0.2675, 0.4831 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(0, 161, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 88)  
}
```

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(0, 161, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 88) }
```

Border

The CSS property to change the border of an element to Yxy 26.1943, 0.2675, 0.4831 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(0, 161, 88) }
```

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

```
.border{ border-color:rgb(0, 161, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 161, 88)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.1943, 0.2675, 0.4831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 88) }
```

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

```
.background{ background-color: rgb(0, 161,  
88) }
```

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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