

Converting Colors

$Yxy(26.3758, 0.2573, 0.4464)$

Have a look what the booklet for
Yxy(26.3758, 0.2573, 0.4464)
contains.

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Color

Yxy(26.4892, 0.2578, 0.4479)

Conversions

Conversions Part 1

Format	Color
Hex	00A168
RGB	0, 161, 104
RGB Percent	0%, 63%, 41%
CMY	0.9986, 0.3686, 0.5922
CMYK	1.00, 0.00, 0.35, 0.37
HSL	159°, 100%, 32%
HSV	159°, 100%, 63%
XYZ	15.2465, 26.4892, 17.4052
YIQ	106.3630, -77.6590, -51.8590

Conversions

Conversions Part 2

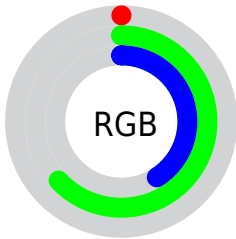
Format	Color
RYB	0, 98, 161
Decimal	41320
CIELab	58.50, -49.44, 19.90
CIELCh	58, 53.296, 158.073
Yxy	26.4892, 0.2578, 0.4479
Android (android.graphics.Color)	4278231400 (0xFF00A168)
YUV	106.3630, -1.1650, -93.2804
Hunter-Lab	51.4677, -37.1905, 15.9769

Details

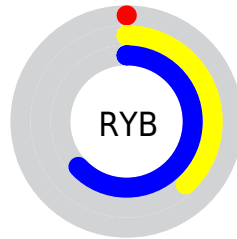
The Yxy color **26.4892, 0.2578, 0.4479** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **7.8830, 0.5526, 0.2820**, and the grayscale version is **14.5664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1161, 0.2710, 0.4209**, and **11.0106, 0.2685, 0.4865** is the 20% darker color. If you saturate the color by 10%, you get **26.4855, 0.2578, 0.4482**, and if you desaturate by 10%, it is **26.7222, 0.2564, 0.4346**.

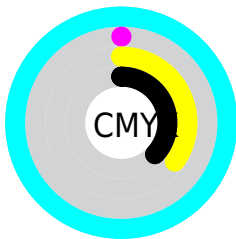
Distribution



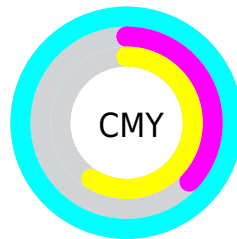
- Red (0%)
- Green (63%)
- Blue (41%)



- Red (0%)
- Yellow (38%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4892, 0.2578, 0.4479 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 26.4892, 0.2578, 0.4479 by changing the saturation by 10% instead.

 26.4892, 0.2578,
0.4479


 26.4892, 0.2578,
0.4479


285.1753, 0.2898,
0.3787


 17.1900, 0.2479,
0.4693


 54.0631, 0.2707,
0.4199

 10.3700, 0.2338,
0.4998


 73.1066, 0.2752,
0.4103

 5.6450, 0.2123,
0.5462

 96.1669, 0.2788,
0.4026

 2.6304, 0.1757,
0.6251

 123.6285, 0.2817,
0.3961

 0.9420, 0.0000,
1.0000

 155.8757, 0.2842,
0.3907

 0.0000, 0.0000,
0.0000

 193.2930, 0.2864,

0.3861

236.2648, 0.2882,
0.3822

■ 26.4892, 0.2578,
0.4479

■ 26.4892, 0.2578,
0.4479

■ 26.4855, 0.2578,
0.4482

■ 26.7222, 0.2564,
0.4346

■ 27.0520, 0.2565,
0.4212

■ 27.5165, 0.2586,
0.4077

■ 28.1320, 0.2626,
0.3944

■ 28.9123, 0.2682,
0.3815

■ 29.8696, 0.2754,
0.3693

■ 31.0152, 0.2837,
0.3578

■ 32.3590, 0.2929,
0.3472

■ 33.9106, 0.3028,
0.3376

Harmonies

Analogous

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



26.4892, 0.3404, 0.4951



26.4892, 0.2578, 0.4479



26.4892, 0.1950, 0.3515

Triad

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



26.4892, 0.2578, 0.4479



26.4892, 0.2006, 0.1970



26.4892, 0.4867, 0.3543

Complementary

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



26.4892, 0.2578, 0.4479



7.8830, 0.5526, 0.2820

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.



26.4892, 0.4400, 0.2933



26.4892, 0.2578, 0.4479



26.4892, 0.2644, 0.2077

Square

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



26.4892, 0.2578, 0.4479



26.4892, 0.1677, 0.2138



26.4892, 0.3530, 0.2417



26.4892, 0.4760, 0.4181

Rectangle

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



26.4892, 0.2578, 0.4479



26.4892, 0.1713, 0.2898



26.4892, 0.3530, 0.2417



26.4892, 0.4775, 0.3334

Sweetspot

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



26.4903, 0.2578, 0.4479



55.3761, 0.2830, 0.3587



26.4268, 0.3213, 0.5829



11.9606, 0.2797, 0.3631



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.



26.4903, 0.2578, 0.4479



47.3968, 0.2585, 0.4506



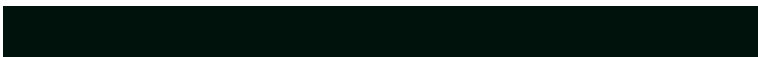
21.2079, 0.2131, 0.2868



7.9684, 0.3033, 0.3371



21.1622, 0.2575, 0.4471



0.4531, 0.2442, 0.3989

Inverse Universe

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



7.8830, 0.5526, 0.2820



14.0668, 0.5579, 0.2847



8.1423, 0.6264, 0.3405



7.1255, 0.3232, 0.3211



6.2957, 0.5511, 0.2810



0.1410, 0.4563, 0.2287

Previews

White Background



This preview shows how the Yxy color 26.4892, 0.2578, 0.4479 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 26.4892, 0.2578, 0.4479 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 26.4892, 0.2578, 0.4479

Background



This preview shows how black text looks on a background with the Yxy color 26.4892, 0.2578, 0.4479.



This preview shows how white text looks on a background with the Yxy color 26.4892, 0.2578, 0.4479.

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

26.4892, 0.2578, 0.4479

Protanopia

26.1617, 0.3726, 0.4027

Deuteranopia

25.9625, 0.3736, 0.3668



Tritanopia

26.4055, 0.2308, 0.3053

Trichromacy



Original Color

26.4892, 0.2578, 0.4479



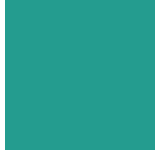
Protanomaly

24.5484, 0.3062, 0.4267



Deuteranomaly

23.9723, 0.3054, 0.3982



Tritanomaly

26.1352, 0.2381, 0.3541

Monochromacy



Original Color

26.4892, 0.2578, 0.4479



Achromatopsia

14.4128, 0.3127, 0.3290



Achromatomaly

17.1706, 0.2719, 0.3766

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4892, 0.2578, 0.4479 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, 104)` looks like.

```
.text, #text, p{  
  color:rgb(0, 161, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.4892, 0.2578, 0.4479 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, 104) }
```

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

```
.border{ border-color:rgb(0, 161, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4892, 0.2578, 0.4479 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, 104) }
```

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

```
.background{ background-color: rgb(0, 161,  
104) }
```

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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