

Converting Colors

$Yxy(25.3952, 0.2289, 0.4324)$

Have a look what the booklet for
Yxy(25.3952, 0.2289, 0.4324)
contains.

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Color

Yxy(26.6820, 0.2522, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	00A171
RGB	0, 161, 113
RGB Percent	0%, 63%, 44%
CMY	0.9999, 0.3686, 0.5568
CMYK	1.00, 0.00, 0.30, 0.37
HSL	162°, 100%, 32%
HSV	162°, 100%, 63%
XYZ	15.7261, 26.6820, 19.9476
YIQ	107.3890, -80.5480, -49.0600

Conversions

Conversions Part 2

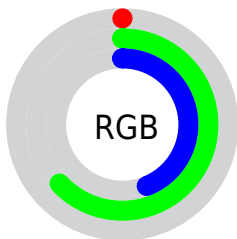
Format	Color
RYB	0, 95, 161
Decimal	41329
CIELab	58.68, -47.40, 15.17
CIELCh	59, 49.766, 162.256
Yxy	26.6820, 0.2522, 0.4279
Android (android.graphics.Color)	4278231409 (0xFF00A171)
YUV	107.3890, 2.7662, -94.1802
Hunter-Lab	51.6546, -36.0518, 13.2621

Details

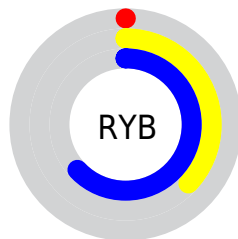
The Yxy color **26.6820, 0.2522, 0.4279** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **7.7911, 0.5743, 0.2938**, and the grayscale version is **14.8279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4662, 0.2658, 0.4052**, and **11.1068, 0.2606, 0.4583** is the 20% darker color. If you saturate the color by 10%, you get **26.6828, 0.2522, 0.4279**, and if you desaturate by 10%, it is **26.9051, 0.2513, 0.4168**.

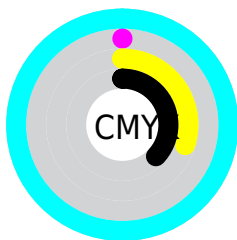
Distribution



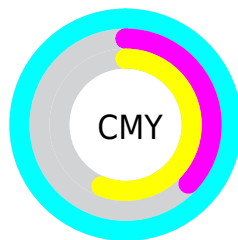
- Red (0%)
- Green (63%)
- Blue (44%)



- Red (0%)
- Yellow (37%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)




- Cyan (100%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6820, 0.2522, 0.4279 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 26.6820, 0.2522, 0.4279 by changing the saturation by 10% instead.


 26.6820, 0.2522,
0.4279


 26.6820, 0.2522,
0.4279


286.1141, 0.2865,
0.3709


 17.3345, 0.2420,
0.4453


 54.3732, 0.2658,
0.4050


 10.4733, 0.2277,
0.4699


 73.4856, 0.2706,
0.3971


 5.7139, 0.2066,
0.5073

 96.6219, 0.2744,
0.3907

 2.6719, 0.1724,
0.5697

 124.1664, 0.2777,
0.3854

 0.9629, 0.0000,
1.0000

 156.5035, 0.2804,
0.3809

 0.0000, 0.0000,
0.0000

 194.0175, 0.2827,

0.3771

237.0929, 0.2848,
0.3738

■ 26.6820, 0.2522,
0.4279

■ 26.6820, 0.2522,
0.4279

■ 26.6828, 0.2522,
0.4279

■ 26.9051, 0.2513,
0.4168

■ 27.2213, 0.2519,
0.4057

■ 27.6696, 0.2544,
0.3946

■ 28.2662, 0.2587,
0.3836

■ 29.0250, 0.2649,
0.3730

■ 29.9582, 0.2725,
0.3628

■ 31.0769, 0.2814,
0.3533

■ 32.3911, 0.2913,
0.3444

■ 33.9103, 0.3018,
0.3363

Harmonies

Analogous

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



26.6820, 0.3287, 0.4808



26.6820, 0.2522, 0.4279



26.6820, 0.1964, 0.3377

Triad

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



26.6820, 0.2522, 0.4279



26.6820, 0.2139, 0.2043



26.6820, 0.4772, 0.3627

Complementary

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



26.6820, 0.2522, 0.4279



7.7911, 0.5743, 0.2938

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.



26.6820, 0.4404, 0.3038



26.6820, 0.2522, 0.4279



26.6820, 0.2783, 0.2176

Square

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



26.6820, 0.2522, 0.4279



26.6820, 0.1784, 0.2169



26.6820, 0.3628, 0.2528



26.6820, 0.4612, 0.4227

Rectangle

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



26.6820, 0.2522, 0.4279



26.6820, 0.1766, 0.2828



26.6820, 0.3628, 0.2528



26.6820, 0.4708, 0.3426

Sweetspot

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



26.6831, 0.2522, 0.4279



55.5302, 0.2809, 0.3538



26.1264, 0.3148, 0.5883



11.9981, 0.2773, 0.3575



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.



26.6831, 0.2522, 0.4279



47.7493, 0.2528, 0.4299



18.2227, 0.2067, 0.2642



7.9751, 0.3025, 0.3358



21.3177, 0.2520, 0.4270



0.4556, 0.2409, 0.3870

Inverse Universe

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



7.7911, 0.5743, 0.2938



13.9214, 0.5790, 0.2963



8.6220, 0.6161, 0.3490



7.1191, 0.3240, 0.3223



6.2284, 0.5722, 0.2926



0.1388, 0.4758, 0.2395

Previews

White Background



This preview shows how the Yxy color 26.6820, 0.2522, 0.4279 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 26.6820, 0.2522, 0.4279 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 26.6820, 0.2522, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 26.6820, 0.2522, 0.4279.



This preview shows how white text looks on a background with the Yxy color 26.6820, 0.2522, 0.4279.

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

26.6820, 0.2522, 0.4279

Protanopia

26.3350, 0.3631, 0.3881

Deuteranopia

26.2369, 0.3605, 0.3544



Tritanopia

26.6855, 0.2295, 0.3054

Trichromacy



Original Color

26.6820, 0.2522, 0.4279



Protanomaly

24.7281, 0.2985, 0.4086



Deuteranomaly

24.0557, 0.2953, 0.3806



Tritanomaly

26.5606, 0.2356, 0.3480

Monochromacy



Original Color

26.6820, 0.2522, 0.4279



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

17.5118, 0.2685, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6820, 0.2522, 0.4279 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, 113)` looks like.

```
.text, #text, p{  
  color:rgb(0, 161, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 113) }
```

Border

The CSS property to change the border of an element to Yxy 26.6820, 0.2522, 0.4279 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, 113) }
```

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

```
.border{ border-color:rgb(0, 161, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6820, 0.2522, 0.4279 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, 113) }
```

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

```
.background{ background-color: rgb(0, 161,  
113) }
```

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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