

Converting Colors

$Yxy(25.6818, 0.2561, 0.4587)$

Have a look what the booklet for
Yxy(25.6818, 0.2561, 0.4587)
contains.

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Color

Yxy(26.0425, 0.2604, 0.4576)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00A063 |
| RGB | 0, 160, 99 |
| RGB Percent | 0%, 63%, 39% |
| CMY | 1.0000, 0.3725, 0.6118 |
| CMYK | 1.00, 0.00, 0.38, 0.37 |
| HSL | 157°, 100%, 31% |
| HSV | 157°, 100%, 63% |
| XYZ | 14.8196, 26.0425, 16.0489 |
| YIQ | 105.2060, -75.7790, -52.8910 |

Conversions

Conversions Part 2

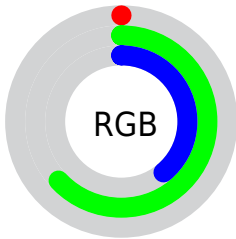
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 99, 160 |
| Decimal | 41059 |
| CIELab | 58.08, -50.18, 22.07 |
| CIELCh | 58, 54.824, 156.259 |
| Yxy | 26.0425, 0.2604, 0.4576 |
| Android (android.graphics.Color) | 4278231139 (0xFF00A063) |
| YUV | 105.2060, -3.0596, -92.2657 |
| Hunter-Lab | 51.0319, -37.4694, 17.0763 |

Details

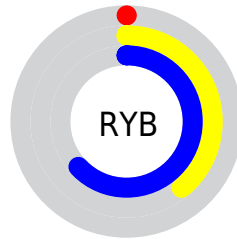
The Yxy color **26.0425, 0.2604, 0.4576** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **7.8116, 0.5427, 0.2763**, and the grayscale version is **14.2106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4376, 0.2735, 0.4276**, and **10.7633, 0.2714, 0.4970** is the 20% darker color. If you saturate the color by 10%, you get **26.0457, 0.2604, 0.4576**, and if you desaturate by 10%, it is **26.2770, 0.2588, 0.4433**.

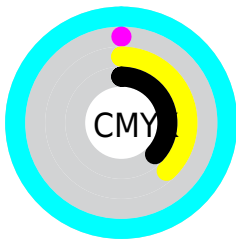
Distribution



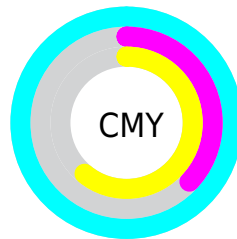
- Red (0%)
- Green (63%)
- Blue (39%)



- Red (0%)
- Yellow (39%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (37%)




- Cyan (100%)
- Magenta (37%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0425, 0.2604, 0.4576 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 26.0425, 0.2604, 0.4576 by changing the saturation by 10% instead.


 26.0425, 0.2604,
0.4576


 26.0425, 0.2604,
0.4576


282.9906, 0.2914,
0.3823


 16.8554, 0.2505,
0.4811


 53.3435, 0.2731,
0.4271


 10.1315, 0.2363,
0.5146


 72.2262, 0.2774,
0.4166


 5.4862, 0.2142,
0.5657

 95.1096, 0.2809,
0.4082

 2.5353, 0.1759,
0.6588

 122.3781, 0.2837,
0.4012

 0.8942, 0.0000,
1.0000

 154.4161, 0.2861,
0.3953

 0.0000, 0.0000,
0.0000

 191.6079, 0.2881,

0.3904

234.3379, 0.2899,
0.3861

■ 26.0425, 0.2604,
0.4576

■ 26.0425, 0.2604,
0.4576

■ 26.0457, 0.2604,
0.4576

■ 26.2770, 0.2588,
0.4433

■ 26.6041, 0.2587,
0.4288

■ 27.0648, 0.2605,
0.4142

■ 27.6751, 0.2642,
0.3999

■ 28.4489, 0.2697,
0.3859

■ 29.3983, 0.2765,
0.3727

■ 30.5342, 0.2846,
0.3603

■ 31.8666, 0.2934,
0.3489

■ 33.4049, 0.3029,
0.3384

Harmonies

Analogous

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



26.0425, 0.3457, 0.5016



26.0425, 0.2604, 0.4576



26.0425, 0.1942, 0.3583

Triad

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



26.0425, 0.2604, 0.4576



26.0425, 0.1945, 0.1935



26.0425, 0.4913, 0.3503

Complementary

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



26.0425, 0.2604, 0.4576



7.8116, 0.5427, 0.2763

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.



26.0425, 0.4397, 0.2884



26.0425, 0.2604, 0.4576



26.0425, 0.2579, 0.2030

Square

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



26.0425, 0.2604, 0.4576



26.0425, 0.1628, 0.2123



26.0425, 0.3482, 0.2364



26.0425, 0.4829, 0.4158

Rectangle

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



26.0425, 0.2604, 0.4576



26.0425, 0.1688, 0.2933



26.0425, 0.3482, 0.2364



26.0425, 0.4806, 0.3290

Sweetspot

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



26.0457, 0.2604, 0.4576



55.3054, 0.2841, 0.3610



26.1477, 0.3230, 0.5817



11.9435, 0.2808, 0.3658



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.



26.0457, 0.2604, 0.4576



47.2448, 0.2612, 0.4602



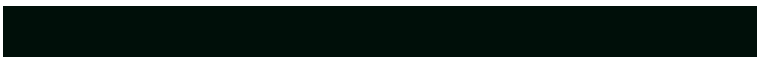
21.6890, 0.2145, 0.2922



7.4666, 0.3037, 0.3377



20.2953, 0.2601, 0.4563



0.3709, 0.2442, 0.3991

Inverse Universe

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



7.8116, 0.5427, 0.2763



14.1451, 0.5474, 0.2789



7.9291, 0.6291, 0.3387



6.6859, 0.3227, 0.3205



6.0924, 0.5403, 0.2750



0.1169, 0.4425, 0.2211

Previews

White Background



This preview shows how the Yxy color 26.0425, 0.2604, 0.4576 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 26.0425, 0.2604, 0.4576 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 26.0425, 0.2604, 0.4576

Background



This preview shows how black text looks on a background with the Yxy color 26.0425, 0.2604, 0.4576.



This preview shows how white text looks on a background with the Yxy color 26.0425, 0.2604, 0.4576.

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

26.0425, 0.2604, 0.4576

Protanopia

25.7827, 0.3783, 0.4091

Deuteranopia

25.5815, 0.3799, 0.3732



Tritanopia

26.0067, 0.2315, 0.3069

Trichromacy



Original Color

26.0425, 0.2604, 0.4576



Protanomaly

24.1445, 0.3106, 0.4351



Deuteranomaly

23.5673, 0.3101, 0.4065



Tritanomaly

25.7112, 0.2394, 0.3583

Monochromacy



Original Color

26.0425, 0.2604, 0.4576



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

16.8398, 0.2726, 0.3794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0425, 0.2604, 0.4576 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, 160, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 99)  
}
```

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, 160, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 99) }
```

Border

The CSS property to change the border of an element to Yxy 26.0425, 0.2604, 0.4576 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, 160, 99) }
```

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

```
.border{ border-color:rgb(0, 160, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 99);  
box-shadow:4px 4px 4px 4px rgb(0, 160, 99)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.0425, 0.2604, 0.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 99) }
```

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

```
.background{ background-color: rgb(0, 160,  
99) }
```

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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