

Converting Colors

$Y_{xy}(25.9981, 0.3277, 0.4075)$

Have a look what the booklet for
Yxy(25.9981, 0.3277, 0.4075)
contains.

| | |
|---|----|
| Yxy(26.0045, 0.3276, 0.4065) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

$\text{Yxy}(26.0045, 0.3276, 0.4065)$

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7A9368 |
| RGB | 122, 147, 104 |
| RGB Percent | 48%, 58%, 41% |
| CMY | 0.5216, 0.4235, 0.5922 |
| CMYK | 0.17, 0.00, 0.29, 0.42 |
| HSL | 95°, 17%, 49% |
| HSV | 95°, 29%, 58% |
| XYZ | 20.9571, 26.0045, 17.0101 |
| YIQ | 134.6230, -1.0970, -18.6730 |

Conversions

Conversions Part 2

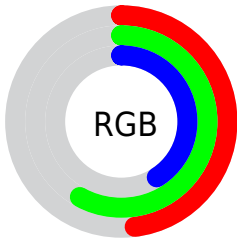
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 104, 147, 129 |
| Decimal | 8033128 |
| CIELab | 58.04, -17.08, 19.94 |
| CIELCh | 58, 26.255, 130.577 |
| Yxy | 26.0045, 0.3276, 0.4065 |
| Android (android.graphics.Color) | 4286223208 (0xFF7A9368) |
| YUV | 134.6230, -15.0971, -11.0704 |
| Hunter-Lab | 50.9946, -15.8828, 15.9191 |

Details

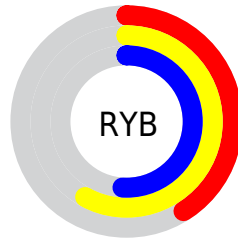
The Yxy color $26.0045, 0.3276, 0.4065$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.6747, 0.2931, 0.2536$, and the grayscale version is $24.1386, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2538, 0.3254, 0.3896$, and $10.0677, 0.3325, 0.4378$ is the 20% darker color. If you saturate the color by 10%, you get $25.1356, 0.3318, 0.4363$, and if you desaturate by 10%, it is $26.9827, 0.3228, 0.3781$.

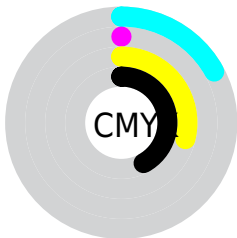
Distribution



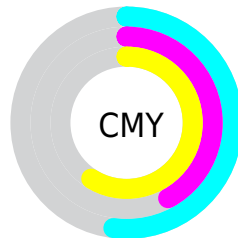
- Red (48%)
- Green (58%)
- Blue (41%)



- Red (41%)
- Yellow (58%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)





- Cyan (52%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0045, 0.3276, 0.4065 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 26.0045, 0.3276, 0.4065 by changing the saturation by 10% instead.


 26.0045, 0.3276,
0.4065


 26.0045, 0.3276,
0.4065


282.8042, 0.3203,
0.3626


 16.8270, 0.3292,
0.4195


 53.2822, 0.3251,
0.3891


 10.1112, 0.3310,
0.4376


 72.1512, 0.3241,
0.3831

 5.4728, 0.3327,
0.4645

 95.0195, 0.3232,
0.3781

 2.5272, 0.3338,
0.5090

 122.2715, 0.3225,
0.3740

 0.8902, 0.3253,
0.6747

154.2915, 0.3218,
0.3705

 0.0000, 0.0000,
0.0000

191.4641, 0.3212,

0.3675

234.1735, 0.3207,
0.3649

■ 26.0045, 0.3276,
0.4065

■ 26.0045, 0.3276,
0.4065

■ 25.1356, 0.3318,
0.4363

■ 26.9827, 0.3228,
0.3781

■ 24.3684, 0.3351,
0.4665

■ 28.0706, 0.3176,
0.3516

■ 23.6997, 0.3370,
0.4959


■ 29.2731, 0.3123,
0.3273


■ 23.1247, 0.3373,
0.5229


■ 30.5936, 0.3071,
0.3053


■ 22.6382, 0.3358,
0.5461


■ 32.0354, 0.3021,
0.2856


 22.2340, 0.3324,
0.5640

 33.6016, 0.2973,
0.2680

 21.9004, 0.3278,
0.5772

 35.2955, 0.2927,
0.2524

 21.8775, 0.3275,
0.5782

 37.1198, 0.2885,
0.2385

 39.0775, 0.2845,
0.2262

Harmonies

Analogous

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



26.0045, 0.3690, 0.4063



26.0045, 0.3276, 0.4065



26.0045, 0.2840, 0.3808

Triad

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



26.0045, 0.3276, 0.4065



26.0045, 0.2346, 0.2683



26.0045, 0.3786, 0.3154

Complementary

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



26.0045, 0.3276, 0.4065



16.6747, 0.2931, 0.2536

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.



26.0045, 0.3381, 0.2843



26.0045, 0.3276, 0.4065



26.0045, 0.2558, 0.2573

Square

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



26.0045, 0.3276, 0.4065



26.0045, 0.2324, 0.2967



26.0045, 0.2929, 0.2636



26.0045, 0.4003, 0.3512

Rectangle

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



26.0045, 0.3276, 0.4065



26.0045, 0.2596, 0.3533



26.0045, 0.2929, 0.2636



26.0045, 0.3666, 0.3042

Sweetspot

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



26.0056, 0.3276, 0.4065



50.2808, 0.3176, 0.3514



22.7377, 0.3635, 0.3706



11.4156, 0.3183, 0.3548



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.0056, 0.3276, 0.4065



45.5399, 0.3304, 0.4256



24.8709, 0.3063, 0.4054



6.5799, 0.3176, 0.3514



18.9788, 0.3279, 0.5779



0.2490, 0.3627, 0.5502

Inverse Universe

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



16.6747, 0.2931, 0.2536



26.0789, 0.2876, 0.2356



18.1213, 0.3196, 0.2629



5.7895, 0.3075, 0.3067



3.5357, 0.2213, 0.0993



0.0606, 0.2664, 0.1241

Previews

White Background



This preview shows how the Yxy color 26.0045, 0.3276, 0.4065 looks on a white background.

Color Contrast Check

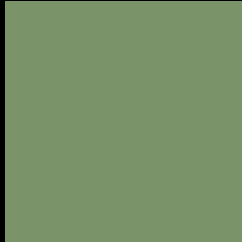
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0045, 0.3276, 0.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

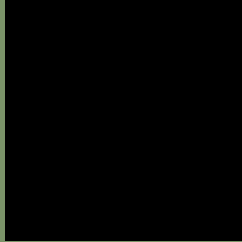
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0045, 0.3276, 0.4065

Background



This preview shows how black text looks on a background with the Yxy color 26.0045, 0.3276, 0.4065.



This preview shows how white text looks on a background with the Yxy color 26.0045, 0.3276, 0.4065.

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

26.0045, 0.3276, 0.4065

Protanopia

25.8889, 0.3656, 0.3918

Deuteranopia

25.8983, 0.3771, 0.3715



Tritanopia

25.9839, 0.2898, 0.3105

Trichromacy



Original Color

26.0045, 0.3276, 0.4065

Protanomaly

25.8808, 0.3514, 0.3974

Deuteranomaly

25.8017, 0.3579, 0.3840

Tritanomaly

25.8298, 0.3026, 0.3429

Monochromacy



Original Color

26.0045, 0.3276, 0.4065

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6663, 0.3181, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0045, 0.3276, 0.4065 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(122, 147, 104)` looks like.

```
.text, #text, p{  
    color:rgb(122, 147, 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(122, 147, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 147, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.0045, 0.3276, 0.4065 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(122, 147, 104) }
```

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

```
.border{ border-color:rgb(122, 147, 104) }
```

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

Here you see how a box with a 4 pixel rgb(122, 147, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 147, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 147, 104);  
box-shadow:4px 4px 4px 4px rgb(122, 147,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0045, 0.3276, 0.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 147, 104) }
```

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

```
.background{ background-color: rgb(122,  
147, 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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