

Converting Colors

$Y_{xy}(26.1592, 0.3369, 0.4192)$

Have a look what the booklet for
Yxy(26.1592, 0.3369, 0.4192)
contains.

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Color

Yxy(26.0156, 0.3364, 0.4186)

Conversions

Conversions Part 1

Format	Color
Hex	7C9361
RGB	124, 147, 97
RGB Percent	49%, 58%, 38%
CMY	0.5136, 0.4235, 0.6196
CMYK	0.16, 0.00, 0.34, 0.42
HSL	88°, 20%, 48%
HSV	88°, 34%, 58%
XYZ	20.9069, 26.0156, 15.2265
YIQ	134.4230, 2.3420, -20.4260

Conversions

Conversions Part 2

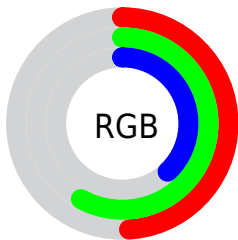
Format	Color
R _Y B	97, 147, 120
Decimal	8164193
CIE Lab	58.05, -17.36, 23.86
CIE LCh	58, 29.514, 126.041
Yxy	26.0156, 0.3364, 0.4186
Android (android.graphics.Color)	4286354273 (0xFF7C9361)
YUV	134.4230, -18.4495, -9.1410
Hunter-Lab	51.0055, -16.0932, 18.0042

Details

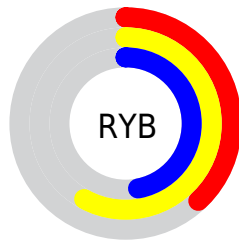
The Yxy color $26.0156, 0.3364, 0.4186$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.6440, 0.2812, 0.2383$, and the grayscale version is $24.0751, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2585, 0.3321, 0.3987$, and $10.0519, 0.3417, 0.4529$ is the 20% darker color. If you saturate the color by 10%, you get $25.2815, 0.3422, 0.4473$, and if you desaturate by 10%, it is $26.8372, 0.3298, 0.3905$.

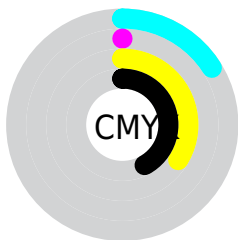
Distribution



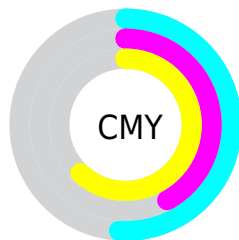
- Red (49%)
- Green (58%)
- Blue (38%)



- Red (38%)
- Yellow (58%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)





- Cyan (51%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0156, 0.3364, 0.4186 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 26.0156, 0.3364, 0.4186 by changing the saturation by 10% instead.


 26.0156, 0.3364,
0.4186


 26.0156, 0.3364,
0.4186


282.8586, 0.3246,
0.3679


 16.8353, 0.3391,
0.4335


 53.3001, 0.3322,
0.3986


 10.1171, 0.3422,
0.4542


 72.1731, 0.3306,
0.3916

 5.4767, 0.3454,
0.4845

 95.0458, 0.3292,
0.3858

 2.5296, 0.3517,
0.5399

 122.3026, 0.3280,
0.3810

 0.8914, 0.3220,
0.6780

154.3279, 0.3270,
0.3770

 0.0000, 0.0000,
0.0000

191.5061, 0.3261,

0.3735

234.2215, 0.3253,
0.3705

■ 26.0156, 0.3364,
0.4186

■ 26.0156, 0.3364,
0.4186

■ 25.2815, 0.3422,
0.4473

■ 26.8372, 0.3298,
0.3905

■ 24.6280, 0.3467,
0.4754

■ 27.7463, 0.3228,
0.3636

■ 24.0524, 0.3497,
0.5019

■ 28.7468, 0.3156,
0.3385

■ 23.5507, 0.3506,
0.5252

■ 29.8419, 0.3085,
0.3154

■ 23.1180, 0.3493,
0.5443

■ 31.0342, 0.3016,
0.2944

 22.7489, 0.3460,
0.5583

 32.3263, 0.2950,
0.2754

 22.5498, 0.3435,
0.5654

 33.7208, 0.2889,
0.2584

 35.2202, 0.2831,
0.2431

 36.8267, 0.2777,
0.2295

Harmonies

Analogous

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



26.0156, 0.3814, 0.4132



26.0156, 0.3364, 0.4186



26.0156, 0.2872, 0.3938

Triad

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



26.0156, 0.3364, 0.4186



26.0156, 0.2240, 0.2644



26.0156, 0.3809, 0.3078

Complementary

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



26.0156, 0.3364, 0.4186



14.6440, 0.2812, 0.2383

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.



26.0156, 0.3333, 0.2749



26.0156, 0.3364, 0.4186



26.0156, 0.2444, 0.2497

Square

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



26.0156, 0.3364, 0.4186



26.0156, 0.2248, 0.2986



26.0156, 0.2832, 0.2541



26.0156, 0.4094, 0.3470

Rectangle

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



26.0156, 0.3364, 0.4186



26.0156, 0.2587, 0.3638



26.0156, 0.2832, 0.2541



26.0156, 0.3664, 0.2958

Sweetspot

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



26.0167, 0.3364, 0.4186



50.3563, 0.3200, 0.3538



20.3770, 0.3765, 0.3681



11.4439, 0.3210, 0.3571



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.



26.0167, 0.3364, 0.4186



45.5521, 0.3410, 0.4410



24.4095, 0.3106, 0.4261



6.6136, 0.3193, 0.3513



19.5656, 0.3439, 0.5651



0.2570, 0.3769, 0.5389

Inverse Universe

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



14.6440, 0.2812, 0.2383



21.9214, 0.2719, 0.2153



16.6284, 0.3132, 0.2465



5.7556, 0.3056, 0.3066



2.8906, 0.1970, 0.0859



0.0526, 0.2467, 0.1133

Previews

White Background



This preview shows how the Yxy color 26.0156, 0.3364, 0.4186 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 26.0156, 0.3364, 0.4186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

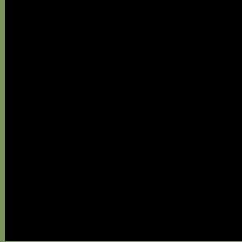
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0156, 0.3364, 0.4186

Background



This preview shows how black text looks on a background with the Yxy color 26.0156, 0.3364, 0.4186.



This preview shows how white text looks on a background with the Yxy color 26.0156, 0.3364, 0.4186.

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

26.0156, 0.3364, 0.4186

Protanopia

25.8527, 0.3742, 0.4028

Deuteranopia

25.6945, 0.3880, 0.3805



Tritanopia

25.8961, 0.2937, 0.3106

Trichromacy



Original Color

26.0156, 0.3364, 0.4186

Protanomaly

25.8349, 0.3597, 0.4090

Deuteranomaly

25.5618, 0.3682, 0.3935

Tritanomaly

25.9507, 0.3096, 0.3498

Monochromacy



Original Color

26.0156, 0.3364, 0.4186

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5915, 0.3211, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0156, 0.3364, 0.4186 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(124, 147, 97)` looks like.

```
.text, #text, p{  
    color:rgb(124, 147, 97)  
}
```

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(124, 147, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 147, 97) }
```

Border

The CSS property to change the border of an element to Yxy 26.0156, 0.3364, 0.4186 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(124, 147, 97) }
```

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

```
.border{ border-color:rgb(124, 147, 97) }
```

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

Here you see how a box with a 4 pixel rgb(124, 147, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 147, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 147, 97);  
box-shadow:4px 4px 4px 4px rgb(124, 147,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0156, 0.3364, 0.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 147, 97) }
```

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

```
.background{ background-color: rgb(124,  
147, 97) }
```

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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