

Converting Colors

$Y_{xy}(26.4100, 0.3145, 0.4153)$

Have a look what the booklet for
Yxy(26.4100, 0.3145, 0.4153)
contains.

Yxy(26.4477, 0.3144, 0.4159)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4477, 0.3144, 0.4159)

Conversions

Conversions Part 1

Format	Color
Hex	6E9768
RGB	110, 151, 104
RGB Percent	43%, 59%, 41%
CMY	0.5688, 0.4078, 0.5921
CMYK	0.27, 0.00, 0.31, 0.41
HSL	112°, 18%, 50%
HSV	112°, 31%, 59%
XYZ	19.9932, 26.4477, 17.1506
YIQ	133.3830, -9.3490, -23.3090

Conversions

Conversions Part 2

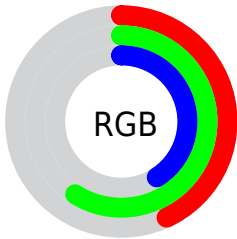
Format	Color
RYB	104, 151, 145
Decimal	7247720
CIELab	58.46, -23.59, 20.37
CIELCh	58, 31.162, 139.188
Yxy	26.4477, 0.3144, 0.4159
Android (android.graphics.Color)	4285437800 (0xFF6E9768)
YUV	133.3830, -14.4858, -20.5069
Hunter-Lab	51.4273, -20.6032, 16.2264

Details

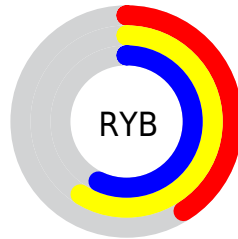
The Yxy color $26.4477, 0.3144, 0.4159$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.1622, 0.3087, 0.2522$, and the grayscale version is $23.6574, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8157, 0.3155, 0.3963$, and $10.3920, 0.3135, 0.4527$ is the 20% darker color. If you saturate the color by 10%, you get $25.3853, 0.3143, 0.4489$, and if you desaturate by 10%, it is $27.6932, 0.3141, 0.3850$.

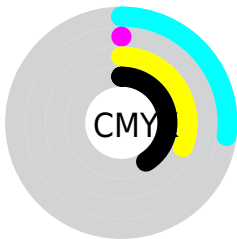
Distribution



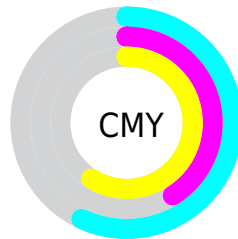
- Red (43%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (57%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)





- Cyan (57%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4477, 0.3144, 0.4159 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 26.4477, 0.3144, 0.4159 by changing the saturation by 10% instead.


 26.4477, 0.3144,
0.4159


 26.4477, 0.3144,
0.4159


284.9729, 0.3146,
0.3664


 17.1589, 0.3137,
0.4307


 53.9963, 0.3149,
0.3962

 10.3478, 0.3124,
0.4515


 73.0249, 0.3149,
0.3893

 5.6302, 0.3093,
0.4826

 96.0688, 0.3149,
0.3837

 2.6215, 0.3023,
0.5344

 123.5126, 0.3149,
0.3791

 0.9375, 0.2511,
0.7489

155.7404, 0.3148,
0.3752

 0.0000, 0.0000,
0.0000

193.1368, 0.3147,

0.3718

236.0862, 0.3147,
0.3689

■ 26.4477, 0.3144,
0.4159

■ 26.4477, 0.3144,
0.4159

■ 25.3853, 0.3143,
0.4489

■ 27.6932, 0.3141,
0.3850

■ 24.4942, 0.3137,
0.4827

■ 29.1263, 0.3136,
0.3568

■ 23.7662, 0.3125,
0.5156

■ 30.7556, 0.3128,
0.3316

■ 23.1914, 0.3107,
0.5453


■ 32.5881, 0.3119,
0.3094


■ 22.7586, 0.3084,
0.5696

■ 34.6306, 0.3110,
0.2900


 22.4552, 0.3058,
0.5867

 36.8893, 0.3100,
0.2731

 22.2760, 0.3039,
0.5969

 39.3705, 0.3091,
0.2584

 42.0799, 0.3082,
0.2456

 45.0233, 0.3073,
0.2345

Harmonies

Analogous

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



26.4477, 0.3653, 0.4236



26.4477, 0.3144, 0.4159



26.4477, 0.2655, 0.3773

Triad

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



26.4477, 0.3144, 0.4159



26.4477, 0.2267, 0.2520



26.4477, 0.4008, 0.3241

Complementary

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



26.4477, 0.3144, 0.4159



18.1622, 0.3087, 0.2522

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.



26.4477, 0.3576, 0.2862



26.4477, 0.3144, 0.4159



26.4477, 0.2568, 0.2459

Square

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



26.4477, 0.3144, 0.4159



26.4477, 0.2177, 0.2788



26.4477, 0.3039, 0.2584



26.4477, 0.4179, 0.3656

Rectangle

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



26.4477, 0.3144, 0.4159



26.4477, 0.2403, 0.3421



26.4477, 0.3039, 0.2584



26.4477, 0.3887, 0.3108

Sweetspot

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



26.4488, 0.3144, 0.4159



52.6935, 0.3134, 0.3517



27.7522, 0.3610, 0.3952



11.8908, 0.3135, 0.3553



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.4488, 0.3144, 0.4159



46.0647, 0.3144, 0.4376



26.4664, 0.2937, 0.3840



6.9613, 0.3134, 0.3518



18.9558, 0.3041, 0.5967



0.2919, 0.3215, 0.5830

Inverse Universe

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



18.1622, 0.3087, 0.2522



28.9246, 0.3074, 0.2358



18.1982, 0.3384, 0.2799



6.2839, 0.3118, 0.3069



6.0731, 0.2898, 0.1370



0.1005, 0.3047, 0.1452

Previews

White Background



This preview shows how the Yxy color 26.4477, 0.3144, 0.4159 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 26.4477, 0.3144, 0.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

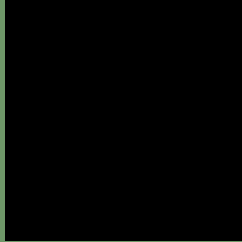
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4477, 0.3144, 0.4159

Background



This preview shows how black text looks on a background with the Yxy color 26.4477, 0.3144, 0.4159.



This preview shows how white text looks on a background with the Yxy color 26.4477, 0.3144, 0.4159.

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

26.4477, 0.3144, 0.4159

Protanopia

26.2363, 0.3684, 0.3962

Deuteranopia

26.0254, 0.3771, 0.3698



Tritanopia

26.2688, 0.2770, 0.3086

Trichromacy



Original Color

26.4477, 0.3144, 0.4159

Protanomaly

26.1203, 0.3470, 0.4033

Deuteranomaly

25.7470, 0.3517, 0.3847

Tritanomaly

26.3866, 0.2910, 0.3466

Monochromacy



Original Color

26.4477, 0.3144, 0.4159

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.5213, 0.3145, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4477, 0.3144, 0.4159 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(110, 151, 104)` looks like.

```
.text, #text, p{  
    color:rgb(110, 151, 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(110, 151, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 151, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.4477, 0.3144, 0.4159 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(110, 151, 104) }
```

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

```
.border{ border-color:rgb(110, 151, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 151, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 151, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 151, 104);  
box-shadow:4px 4px 4px 4px rgb(110, 151,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4477, 0.3144, 0.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 151, 104) }
```

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

```
.background{ background-color: rgb(110,  
151, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor