

Converting Colors

$Y_{xy}(26.0688, 0.3125, 0.4127)$

Have a look what the booklet for
Yxy(26.0688, 0.3125, 0.4127)
contains.

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Color

Yxy(26.0838, 0.3127, 0.4127)

Conversions

Conversions Part 1

Format	Color
Hex	6D9669
RGB	109, 150, 105
RGB Percent	43%, 59%, 41%
CMY	0.5725, 0.4118, 0.5883
CMYK	0.27, 0.00, 0.30, 0.41
HSL	115°, 18%, 50%
HSV	115°, 30%, 59%
XYZ	19.7635, 26.0838, 17.3555
YIQ	132.6110, -9.9910, -22.6870

Conversions

Conversions Part 2

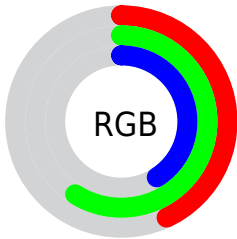
Format	Color
RYB	105, 150, 146
Decimal	7181929
CIELab	58.12, -23.25, 19.35
CIELCh	58, 30.246, 140.234
Yxy	26.0838, 0.3127, 0.4127
Android (android.graphics.Color)	4285372009 (0xFF6D9669)
YUV	132.6110, -13.6122, -20.7068
Hunter-Lab	51.0723, -20.3021, 15.6026

Details

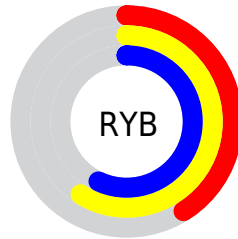
The Yxy color **26.0838, 0.3127, 0.4127** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.4133, 0.3110, 0.2556**, and the grayscale version is **23.3609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2674, 0.3142, 0.3938**, and **10.1797, 0.3111, 0.4483** is the 20% darker color. If you saturate the color by 10%, you get **25.0030, 0.3122, 0.4458**, and if you desaturate by 10%, it is **27.3559, 0.3129, 0.3819**.

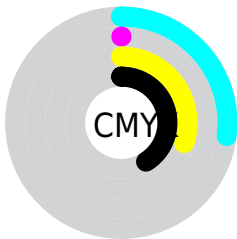
Distribution



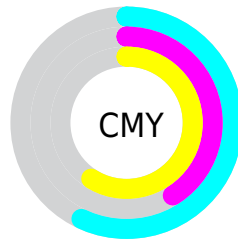
- Red (43%)
- Green (59%)
- Blue (41%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0838, 0.3127, 0.4127 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 26.0838, 0.3127, 0.4127 by changing the saturation by 10% instead.


 26.0838, 0.3127,
0.4127


 26.0838, 0.3127,
0.4127


283.1932, 0.3138,
0.3649


 16.8863, 0.3118,
0.4271

 53.4101, 0.3135,
0.3937

 10.1535, 0.3102,
0.4472


 72.3077, 0.3136,
0.3871

 5.5008, 0.3069,
0.4775

 95.2076, 0.3137,
0.3817

 2.5440, 0.2995,
0.5280

 122.4940, 0.3138,
0.3772

 0.8986, 0.2417,
0.7583

154.5513, 0.3138,
0.3734

 0.0000, 0.0000,
0.0000

191.7641, 0.3138,

0.3702

234.5166, 0.3138,
0.3674

■ 26.0838, 0.3127,
0.4127

■ 26.0838, 0.3127,
0.4127

■ 25.0030, 0.3122,
0.4458

■ 27.3559, 0.3129,
0.3819

■ 24.1010, 0.3113,
0.4800

■ 28.8245, 0.3129,
0.3539

■ 23.3693, 0.3099,
0.5134


■ 30.4985, 0.3127,
0.3290


■ 22.7971, 0.3082,
0.5438


■ 32.3855, 0.3124,
0.3072


■ 22.3723, 0.3062,
0.5689

■ 34.4925, 0.3120,
0.2881


 22.0813, 0.3041,
0.5867

 36.8264, 0.3115,
0.2716

 21.9017, 0.3025,
0.5980

 39.3938, 0.3111,
0.2574

 42.2007, 0.3106,
0.2450

 45.2532, 0.3101,
0.2343

Harmonies

Analogous

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



26.0838, 0.3625, 0.4215



26.0838, 0.3127, 0.4127



26.0838, 0.2652, 0.3743

Triad

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



26.0838, 0.3127, 0.4127



26.0838, 0.2293, 0.2533



26.0838, 0.3997, 0.3258

Complementary

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



26.0838, 0.3127, 0.4127



18.4133, 0.3110, 0.2556

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.



26.0838, 0.3582, 0.2884



26.0838, 0.3127, 0.4127



26.0838, 0.2595, 0.2479

Square

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



26.0838, 0.3127, 0.4127



26.0838, 0.2198, 0.2789



26.0838, 0.3059, 0.2607



26.0838, 0.4153, 0.3663

Rectangle

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



26.0838, 0.3127, 0.4127



26.0838, 0.2410, 0.3400



26.0838, 0.3059, 0.2607



26.0838, 0.3882, 0.3126

Sweetspot

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



26.0849, 0.3127, 0.4127



51.0983, 0.3129, 0.3517



27.9081, 0.3585, 0.3950



11.2422, 0.3129, 0.3552



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.



26.0849, 0.3127, 0.4127



44.7172, 0.3124, 0.4347



26.2460, 0.2931, 0.3788



6.4917, 0.3129, 0.3517



18.1713, 0.3027, 0.5978



0.2273, 0.3157, 0.5876

Inverse Universe

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



18.4133, 0.3110, 0.2556



28.9463, 0.3103, 0.2392



18.2519, 0.3392, 0.2841



5.8832, 0.3124, 0.3071



6.2169, 0.2991, 0.1421



0.0823, 0.3107, 0.1485

Previews

White Background



This preview shows how the Yxy color 26.0838, 0.3127, 0.4127 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 26.0838, 0.3127, 0.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

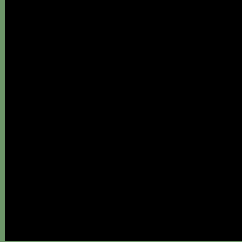
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0838, 0.3127, 0.4127

Background



This preview shows how black text looks on a background with the Yxy color 26.0838, 0.3127, 0.4127.



This preview shows how white text looks on a background with the Yxy color 26.0838, 0.3127, 0.4127.

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

26.0838, 0.3127, 0.4127

Protanopia

25.8694, 0.3666, 0.3934

Deuteranopia

25.9409, 0.3748, 0.3684



Tritanopia

26.1646, 0.2769, 0.3102

Trichromacy



Original Color

26.0838, 0.3127, 0.4127

Protanomaly

25.7551, 0.3452, 0.4003

Deuteranomaly

25.6785, 0.3494, 0.3833

Tritanomaly

26.0087, 0.2899, 0.3449

Monochromacy



Original Color

26.0838, 0.3127, 0.4127

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1804, 0.3125, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0838, 0.3127, 0.4127 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(109, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(109, 150, 105)  
}
```

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(109, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 150, 105) }
```

Border

The CSS property to change the border of an element to Yxy 26.0838, 0.3127, 0.4127 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(109, 150, 105) }
```

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

```
.border{ border-color:rgb(109, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(109, 150,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0838, 0.3127, 0.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 150, 105) }
```

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

```
.background{ background-color: rgb(109,  
150, 105) }
```

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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