

Converting Colors

$Y_{xy}(26.2537, 0.3129, 0.4084)$

Have a look what the booklet for
Yxy(26.2537, 0.3129, 0.4084)
contains.

Yxy(26.2537, 0.3129, 0.4084)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2537, 0.3129, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	6F966B
RGB	111, 150, 107
RGB Percent	44%, 59%, 42%
CMY	0.5647, 0.4117, 0.5804
CMYK	0.26, 0.00, 0.29, 0.41
HSL	114°, 17%, 50%
HSV	114°, 29%, 59%
XYZ	20.1146, 26.2537, 17.9160
YIQ	133.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

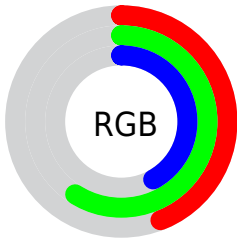
Format	Color
RYB	107, 150, 146
Decimal	7313003
CIELab	58.28, -22.20, 18.47
CIElCh	58, 28.877, 140.239
Yxy	26.2537, 0.3129, 0.4084
Android (android.graphics.Color)	4285503083 (0xFF6F966B)
YUV	133.4370, -13.0334, -19.6772
Hunter-Lab	51.2384, -19.5937, 15.1355

Details

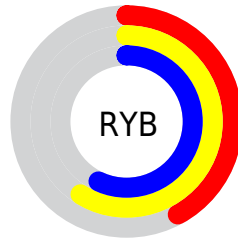
The Yxy color $26.2537, 0.3129, 0.4084$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.8291, 0.3109, 0.2588$, and the grayscale version is $23.6739, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5814, 0.3136, 0.3894$, and $10.2636, 0.3115, 0.4417$ is the 20% darker color. If you saturate the color by 10%, you get $25.1496, 0.3125, 0.4412$, and if you desaturate by 10%, it is $27.5493, 0.3130, 0.3779$.

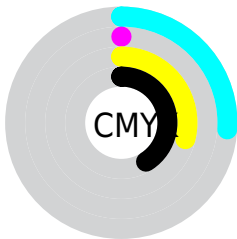
Distribution



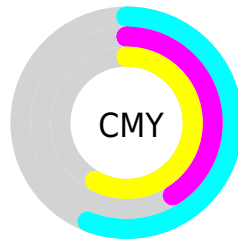
- Red (44%)
- Green (59%)
- Blue (42%)



- Red (42%)
- Yellow (59%)
- Blue (57%)



- Cyan (26%)
- Magenta (0%)
- Yellow (29%)
- Black (41%)





- Cyan (56%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2537, 0.3129, 0.4084 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 26.2537, 0.3129, 0.4084 by changing the saturation by 10% instead.


 26.2537, 0.3129,
0.4084


 26.2537, 0.3129,
0.4084


284.0253, 0.3138,
0.3632


 17.0135, 0.3122,
0.4219


 53.6839, 0.3135,
0.3904


 10.2441, 0.3108,
0.4410


 72.6428, 0.3137,
0.3842

 5.5611, 0.3079,
0.4694

 95.6100, 0.3137,
0.3791

 2.5801, 0.3011,
0.5164

 122.9700, 0.3138,
0.3748

 0.9167, 0.2641,
0.7359

155.1071, 0.3138,
0.3712

 0.0000, 0.0000,
0.0000

192.4058, 0.3138,

0.3682

235.2503, 0.3138,
0.3655

■ 26.2537, 0.3129,
0.4084

■ 26.2537, 0.3129,
0.4084

■ 25.1496, 0.3125,
0.4412

■ 27.5493, 0.3130,
0.3779

■ 24.2247, 0.3116,
0.4753

■ 29.0414, 0.3129,
0.3504

■ 23.4705, 0.3104,
0.5089


■ 30.7389, 0.3127,
0.3259


■ 22.8766, 0.3087,
0.5399

■ 32.6491, 0.3123,
0.3045

■ 22.4313, 0.3068,
0.5658


■ 34.7791, 0.3118,
0.2858


 22.1212, 0.3046,
0.5846

 37.1355, 0.3113,
0.2696

 21.9267, 0.3027,
0.5965

 39.7249, 0.3108,
0.2556

 21.9073, 0.3026,
0.5979

 42.5533, 0.3103,
0.2434

 45.6267, 0.3098,
0.2329

Harmonies

Analogous

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



26.2537, 0.3604, 0.4170



26.2537, 0.3129, 0.4084



26.2537, 0.2675, 0.3721

Triad

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



26.2537, 0.3129, 0.4084



26.2537, 0.2330, 0.2567



26.2537, 0.3955, 0.3261

Complementary

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



26.2537, 0.3129, 0.4084



18.8291, 0.3109, 0.2588

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.



26.2537, 0.3561, 0.2902



26.2537, 0.3129, 0.4084



26.2537, 0.2620, 0.2513

Square

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



26.2537, 0.3129, 0.4084



26.2537, 0.2238, 0.2814



26.2537, 0.3064, 0.2636



26.2537, 0.4105, 0.3650

Rectangle

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



26.2537, 0.3129, 0.4084



26.2537, 0.2443, 0.3396



26.2537, 0.3064, 0.2636



26.2537, 0.3846, 0.3135

Sweetspot

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



26.2548, 0.3129, 0.4084



51.1057, 0.3130, 0.3517



28.0129, 0.3564, 0.3920



11.2441, 0.3130, 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.



26.2548, 0.3129, 0.4084



45.1211, 0.3127, 0.4279



26.4004, 0.2939, 0.3763



6.4927, 0.3130, 0.3517



18.1749, 0.3028, 0.5977



0.2275, 0.3163, 0.5871

Inverse Universe

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



18.8291, 0.3109, 0.2588



29.9515, 0.3103, 0.2440



18.6873, 0.3377, 0.2861



5.8821, 0.3123, 0.3071



6.1799, 0.2982, 0.1416



0.0821, 0.3102, 0.1483

Previews

White Background



This preview shows how the Yxy color 26.2537, 0.3129, 0.4084 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 26.2537, 0.3129, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

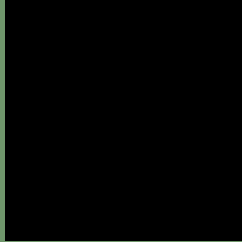
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2537, 0.3129, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 26.2537, 0.3129, 0.4084.



This preview shows how white text looks on a background with the Yxy color 26.2537, 0.3129, 0.4084.

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

26.2537, 0.3129, 0.4084

Protanopia

25.9086, 0.3645, 0.3901

Deuteranopia

25.9625, 0.3736, 0.3668



Tritanopia

26.2350, 0.2779, 0.3102

Trichromacy



Original Color

26.2537, 0.3129, 0.4084

Protanomaly

25.8786, 0.3444, 0.3965

Deuteranomaly

25.7896, 0.3496, 0.3813

Tritanomaly

26.1058, 0.2900, 0.3431

Monochromacy



Original Color

26.2537, 0.3129, 0.4084

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.2804, 0.3125, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2537, 0.3129, 0.4084 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(111, 150, 107)` looks like.

```
.text, #text, p{  
    color:rgb(111, 150, 107)  
}
```

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(111, 150, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 150, 107) }
```

Border

The CSS property to change the border of an element to Yxy 26.2537, 0.3129, 0.4084 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(111, 150, 107) }
```

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

```
.border{ border-color:rgb(111, 150, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 150, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 150, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 150, 107);  
box-shadow:4px 4px 4px 4px rgb(111, 150,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2537, 0.3129, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 150, 107) }
```

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

```
.background{ background-color: rgb(111,  
150, 107) }
```

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