

# Converting Colors

$Y_{xy}(26.1587, 0.3181, 0.4238)$

Have a look what the booklet for  
Yxy(26.1587, 0.3181, 0.4238)  
contains.

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# Color

**Yxy(26.0285, 0.3190, 0.4238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E9663
RGB	110, 150, 99
RGB Percent	43%, 59%, 39%
CMY	0.5685, 0.4118, 0.6117
CMYK	0.27, 0.00, 0.34, 0.41
HSL	107°, 20%, 49%
HSV	107°, 34%, 59%
XYZ	19.5920, 26.0285, 15.7964
YIQ	132.2260, -7.4690, -24.3410

# Conversions

## Conversions Part 2

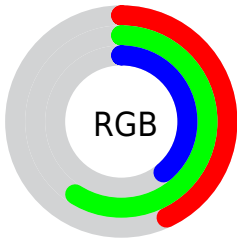
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 150, 139
Decimal	7247459
CIE <sub>Lab</sub>	58.06, -23.88, 22.61
CIE <sub>LCh</sub>	58, 32.885, 136.573
Yxy	26.0285, 0.3190, 0.4238
Android (android.graphics.Color)	4285437539 (0xFF6E9663)
YUV	132.2260, -16.3804, -19.4922
Hunter-Lab	51.0181, -20.7341, 17.3551

# Details

The Yxy color **26.0285, 0.3190, 0.4238** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.6125, 0.3022, 0.2436**, and the grayscale version is **23.2254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1743, 0.3191, 0.4020**, and **10.1323, 0.3169, 0.4623** is the 20% darker color. If you saturate the color by 10%, you get **25.0639, 0.3199, 0.4562**, and if you desaturate by 10%, it is **27.1487, 0.3175, 0.3929**.

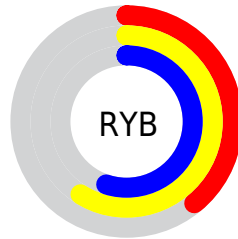
# Distribution



Red (43%)

Green (59%)

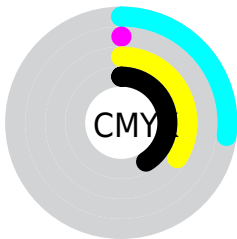
Blue (39%)



Red (39%)

Yellow (59%)

Blue (55%)

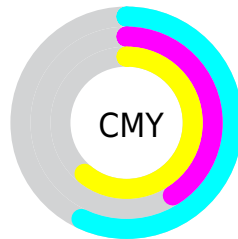


Cyan (27%)

Magenta (0%)

Yellow (34%)

Black (41%)



Cyan (57%)

Magenta (41%)


Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0285, 0.3190, 0.4238 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 26.0285, 0.3190, 0.4238 by changing the saturation by 10% instead.





 26.0285, 0.3190,  
0.4238


 26.0285, 0.3190,  
0.4238


282.9220, 0.3169,  
0.3696


 16.8450, 0.3189,  
0.4401


 53.3209, 0.3186,  
0.4022


 10.1240, 0.3181,  
0.4629


 72.1986, 0.3184,  
0.3947

 5.4813, 0.3156,  
0.4969

 95.0764, 0.3181,  
0.3886

 2.5323, 0.3111,  
0.5575

 122.3388, 0.3178,  
0.3835

 0.8928, 0.2292,  
0.7708

154.3702, 0.3176,  
0.3792

 0.0000, 0.0000,  
0.0000

191.5549, 0.3173,

0.3756

234.2774, 0.3171,  
0.3724

■ 26.0285, 0.3190,  
0.4238

■ 26.0285, 0.3190,  
0.4238

■ 25.0639, 0.3199,  
0.4562

■ 27.1487, 0.3175,  
0.3929

■ 24.2446, 0.3200,  
0.4889

■ 28.4276, 0.3157,  
0.3644

■ 23.5644, 0.3191,  
0.5202


■ 29.8722, 0.3136,  
0.3385

■ 23.0152, 0.3172,  
0.5480

■ 31.4884, 0.3114,  
0.3155

■ 22.5880, 0.3143,  
0.5703

■ 33.2816, 0.3092,  
0.2951

 22.2725, 0.3107,  
0.5858

 35.2571, 0.3070,  
0.2772

 22.1258, 0.3087,  
0.5931

 37.4196, 0.3049,  
0.2615

 39.7742, 0.3029,  
0.2478

 42.3254, 0.3010,  
0.2358

# Harmonies

## Analogous

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



26.0285, 0.3723, 0.4284



26.0285, 0.3190, 0.4238



26.0285, 0.2666, 0.3850

# Triad

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



26.0285, 0.3190, 0.4238



26.0285, 0.2203, 0.2492



26.0285, 0.4032, 0.3198

# Complementary

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



26.0285, 0.3190, 0.4238



16.6125, 0.3022, 0.2436

# 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.



26.0285, 0.3554, 0.2808



26.0285, 0.3190, 0.4238



26.0285, 0.2500, 0.2411

# Square

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



26.0285, 0.3190, 0.4238



26.0285, 0.2128, 0.2790



26.0285, 0.2983, 0.2528



26.0285, 0.4241, 0.3634



# Rectangle

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



26.0285, 0.3190, 0.4238



26.0285, 0.2391, 0.3478



26.0285, 0.2983, 0.2528



26.0285, 0.3895, 0.3060

# Sweetspot

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



26.0296, 0.3190, 0.4238



51.1045, 0.3149, 0.3542



25.8348, 0.3677, 0.3949



11.2555, 0.3152, 0.3576



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.



26.0296, 0.3190, 0.4238



44.5849, 0.3197, 0.4491



25.6669, 0.2958, 0.3984



6.5253, 0.3147, 0.3516



18.3638, 0.3091, 0.5928



0.2357, 0.3356, 0.5717



# Inverse Universe

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



16.6125, 0.3022, 0.2436



25.2998, 0.2989, 0.2236



17.1729, 0.3355, 0.2686



5.8466, 0.3105, 0.3070



5.0092, 0.2680, 0.1250



0.0739, 0.2949, 0.1398



# Previews

## White Background



This preview shows how the Yxy color 26.0285, 0.3190, 0.4238 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 26.0285, 0.3190, 0.4238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

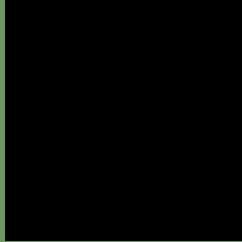
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**Yxy 26.0285, 0.3190, 0.4238**

## Background



This preview shows how black text looks on a background with the Yxy color 26.0285, 0.3190, 0.4238.



This preview shows how white text looks on a background with the Yxy color 26.0285, 0.3190, 0.4238.

# 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

26.0285, 0.3190, 0.4238

### Protanopia

25.8527, 0.3742, 0.4028

### Deuteranopia

25.6468, 0.3834, 0.3761



## Tritanopia

25.9334, 0.2777, 0.3085

# Trichromacy



**Original Color**

26.0285, 0.3190, 0.4238

**Protanomaly**

25.7237, 0.3524, 0.4104

**Deuteranomaly**

25.3538, 0.3574, 0.3917

**Tritanomaly**

26.0200, 0.2927, 0.3485

# Monochromacy



**Original Color**

26.0285, 0.3190, 0.4238

**Achromatopsia**

23.0740, 0.3127, 0.3290

**Achromatomaly**

24.1064, 0.3155, 0.3633

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  26.0285, 0.3190, 0.4238 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, 150, 99)` looks like.

```
.text, #text, p{  
    color:rgb(110, 150, 99)  
}
```

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, 150, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 150, 99) }
```

## Border

The CSS property to change the border of an element to Yxy 26.0285, 0.3190, 0.4238 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, 150, 99) }
```

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

```
.border{ border-color:rgb(110, 150, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 150, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 150, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 150, 99);  
box-shadow:4px 4px 4px 4px rgb(110, 150,  
99) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.0285, 0.3190, 0.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 150, 99) }
```

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

```
.background{ background-color: rgb(110,  
150, 99) }
```

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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