

Converting Colors

$Y_{xy}(26.4323, 0.3123, 0.4283)$

Have a look what the booklet for
Yxy(26.4323, 0.3123, 0.4283)
contains.

Yxy(26.3004, 0.3127, 0.4286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(26.3004, 0.3127, 0.4286)$

Conversions

Conversions Part 1

Format	Color
Hex	689863
RGB	104, 152, 99
RGB Percent	41%, 60%, 39%
CMY	0.5922, 0.4039, 0.6117
CMYK	0.32, 0.00, 0.35, 0.40
HSL	114°, 21%, 49%
HSV	114°, 35%, 60%
XYZ	19.1884, 26.3004, 15.8747
YIQ	131.6060, -11.5950, -26.6590

Conversions

Conversions Part 2

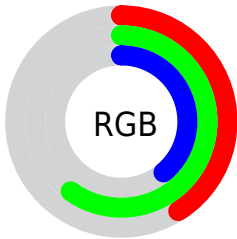
Format	Color
R_{YB}	99, 152, 147
Decimal	6854755
CIE _{Lab}	58.32, -27.03, 22.88
CIE _{LCh}	58, 35.413, 139.761
Yxy	26.3004, 0.3127, 0.4286
Android (android.graphics.Color)	4285044835 (0xFF689863)
YUV	131.6060, -16.0748, -24.2105
Hunter-Lab	51.2839, -22.9594, 17.5457

Details

The Yxy color **26.3004, 0.3127, 0.4286** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.4025, 0.3102, 0.2435**, and the grayscale version is **22.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9958, 0.3142, 0.4066**, and **10.3396, 0.3086, 0.4695** is the 20% darker color. If you saturate the color by 10%, you get **25.2795, 0.3120, 0.4624**, and if you desaturate by 10%, it is **27.5130, 0.3130, 0.3965**.

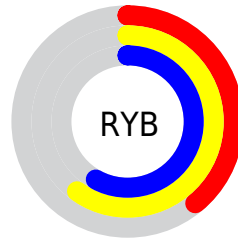
Distribution



Red (41%)

Green (60%)

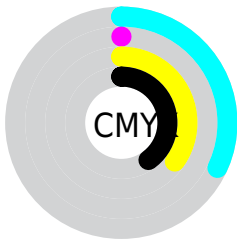
Blue (39%)



Red (39%)

Yellow (60%)

Blue (58%)

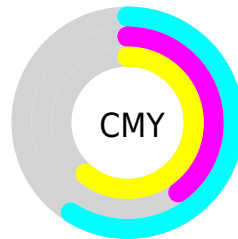


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (40%)



Cyan (59%)


Magenta (40%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3004, 0.3127, 0.4286 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 26.3004, 0.3127, 0.4286 by changing the saturation by 10% instead.


 26.3004, 0.3127,
0.4286

 26.3004, 0.3127,
0.4286


284.2536, 0.3142,
0.3715


 17.0485, 0.3115,
0.4458


 53.7592, 0.3138,
0.4058


 10.2691, 0.3091,
0.4700


 72.7348, 0.3140,
0.3979

 5.5777, 0.3044,
0.5061

 95.7205, 0.3141,
0.3915

 2.5901, 0.2958,
0.5701

 123.1007, 0.3142,
0.3861

 0.9217, 0.1896,
0.8104

155.2597, 0.3142,
0.3816

 0.0000, 0.0000,
0.0000

192.5819, 0.3142,

0.3778

235.4518, 0.3142,
0.3744

■ 26.3004, 0.3127,
0.4286

■ 26.3004, 0.3127,
0.4286

■ 25.2795, 0.3120,
0.4624

■ 27.5130, 0.3130,
0.3965

■ 24.4373, 0.3110,
0.4965

■ 28.9229, 0.3130,
0.3671

■ 23.7644, 0.3095,
0.5287


■ 30.5395, 0.3129,
0.3407


■ 23.2494, 0.3076,
0.5568


■ 32.3707, 0.3125,
0.3174


■ 22.8792, 0.3054,
0.5785

■ 34.4240, 0.3121,
0.2970

 22.6383, 0.3033,
0.5925

 36.7065, 0.3116,
0.2793

 22.5535, 0.3026,
0.5979

 39.2250, 0.3111,
0.2639

 41.9860, 0.3105,
0.2506

 44.9957, 0.3100,
0.2391

Harmonies

Analogous

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



26.3004, 0.3704, 0.4369



26.3004, 0.3127, 0.4286



26.3004, 0.2579, 0.3833

Triad

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



26.3004, 0.3127, 0.4286



26.3004, 0.2165, 0.2418



26.3004, 0.4139, 0.3236

Complementary

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



26.3004, 0.3127, 0.4286



17.4025, 0.3102, 0.2435

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.



26.3004, 0.3647, 0.2815



26.3004, 0.3127, 0.4286



26.3004, 0.2503, 0.2359

Square

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



26.3004, 0.3127, 0.4286



26.3004, 0.2060, 0.2707



26.3004, 0.3034, 0.2504



26.3004, 0.4323, 0.3698

Rectangle

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



26.3004, 0.3127, 0.4286



26.3004, 0.2302, 0.3423



26.3004, 0.3034, 0.2504



26.3004, 0.4002, 0.3087

Sweetspot

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



26.3015, 0.3127, 0.4286



52.3314, 0.3130, 0.3544



28.3538, 0.3662, 0.4058



11.8115, 0.3130, 0.3579



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.



26.3015, 0.3127, 0.4286



44.9586, 0.3122, 0.4554



26.4736, 0.2902, 0.3884



6.9519, 0.3130, 0.3519



18.9158, 0.3028, 0.5978



0.2892, 0.3161, 0.5872

Inverse Universe

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



17.4025, 0.3102, 0.2435



26.7816, 0.3092, 0.2244



17.2375, 0.3449, 0.2765



6.2943, 0.3123, 0.3070



6.4225, 0.2980, 0.1415



0.1034, 0.3090, 0.1476

Previews

White Background



This preview shows how the Yxy color 26.3004, 0.3127, 0.4286 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 26.3004, 0.3127, 0.4286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

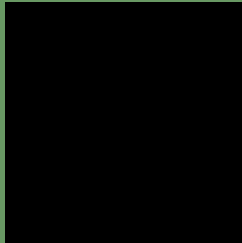
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3004, 0.3127, 0.4286

Background



This preview shows how black text looks on a background with the Yxy color 26.3004, 0.3127, 0.4286.



This preview shows how white text looks on a background with the Yxy color 26.3004, 0.3127, 0.4286.

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

26.3004, 0.3127, 0.4286

Protanopia

26.1436, 0.3736, 0.4043

Deuteranopia

26.0288, 0.3840, 0.3773



Tritanopia

26.2625, 0.2718, 0.3084

Trichromacy



Original Color

26.3004, 0.3127, 0.4286

Protanomaly

25.8594, 0.3497, 0.4126

Deuteranomaly

25.8487, 0.3553, 0.3950

Tritanomaly

26.2724, 0.2863, 0.3504

Monochromacy



Original Color

26.3004, 0.3127, 0.4286

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.9589, 0.3133, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3004, 0.3127, 0.4286 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(104, 152, 99)` looks like.

```
.text, #text, p{  
    color:rgb(104, 152, 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(104, 152, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 152, 99) }
```

Border

The CSS property to change the border of an element to Yxy 26.3004, 0.3127, 0.4286 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(104, 152, 99) }
```

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

```
.border{ border-color:rgb(104, 152, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 152, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 152, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 152, 99);  
box-shadow:4px 4px 4px 4px rgb(104, 152,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3004, 0.3127, 0.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 152, 99) }
```

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

```
.background{ background-color: rgb(104,  
152, 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](#).

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