

Converting Colors

$Yxy(26.5088, 0.3070, 0.4707)$

Have a look what the booklet for
Yxy(26.5088, 0.3070, 0.4707)
contains.

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Color

Yxy(26.6853, 0.3069, 0.4706)

Conversions

Conversions Part 1

Format	Color
Hex	559D54
RGB	85, 157, 84
RGB Percent	33%, 62%, 33%
CMY	0.6667, 0.3843, 0.6707
CMYK	0.46, 0.00, 0.47, 0.38
HSL	119°, 30%, 47%
HSV	119°, 47%, 62%
XYZ	17.4027, 26.6853, 12.6168
YIQ	127.1500, -19.4790, -37.9670

Conversions

Conversions Part 2

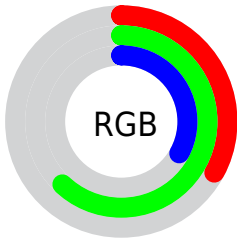
Format	Color
R_{YB}	84, 157, 156
Decimal	5610836
CIE _{Lab}	58.68, -37.98, 31.26
CIE _{LCh}	59, 49.192, 140.550
Yxy	26.6853, 0.3069, 0.4706
Android (android.graphics.Color)	4283800916 (0xFF559D54)
YUV	127.1500, -21.2729, -36.9655
Hunter-Lab	51.6578, -30.2673, 21.6796

Details

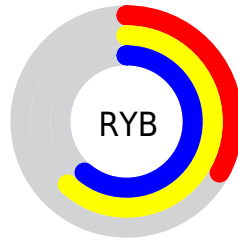
The Yxy color **26.6853, 0.3069, 0.4706** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.8389, 0.3165, 0.2183**, and the grayscale version is **21.3570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3252, 0.3103, 0.4372**, and **10.4917, 0.2975, 0.5311** is the 20% darker color. If you saturate the color by 10%, you get **25.8204, 0.3053, 0.5053**, and if you desaturate by 10%, it is **27.7661, 0.3084, 0.4358**.

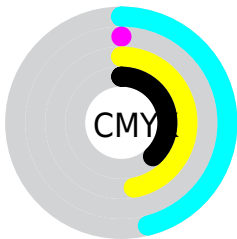
Distribution



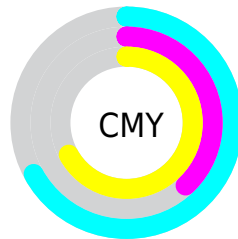
- Red (33%)
- Green (62%)
- Blue (33%)



- Red (33%)
- Yellow (62%)
- Blue (61%)



- Cyan (46%)
- Magenta (0%)
- Yellow (47%)
- Black (38%)





- Cyan (67%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6853, 0.3069, 0.4706 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 26.6853, 0.3069, 0.4706 by changing the saturation by 10% instead.


 26.6853, 0.3069,
0.4706


 26.6853, 0.3069,
0.4706


286.1302, 0.3132,
0.3886


 17.3370, 0.3035,
0.4954


 54.3785, 0.3104,
0.4377


 10.4751, 0.2974,
0.5302


 73.4921, 0.3113,
0.4263

 5.7151, 0.2858,
0.5813

 96.6297, 0.3119,
0.4171

 2.6726, 0.2779,
0.7045

 124.1756, 0.3123,
0.4094

 0.9633, 0.0000,
1.0000

 156.5142, 0.3126,
0.4030

 0.0000, 0.0000,
0.0000

194.0299, 0.3129,

0.3975

237.1071, 0.3131,
0.3927

■ 26.6853, 0.3069,
0.4706

■ 26.6853, 0.3069,
0.4706

■ 25.8204, 0.3053,
0.5053

■ 27.7661, 0.3084,
0.4358

■ 25.1538, 0.3038,
0.5376

■ 29.0724, 0.3098,
0.4026

■ 24.6709, 0.3024,
0.5647


■ 30.6171, 0.3110,
0.3722


■ 24.3532, 0.3012,
0.5846


■ 32.4113, 0.3121,
0.3449

■ 24.1764, 0.3005,
0.5963


■ 34.4654, 0.3130,
0.3210

 24.1295, 0.3004,
0.5997

 36.7890, 0.3138,
0.3003

 39.3915, 0.3144,
0.2823

 42.2817, 0.3150,
0.2669

 45.4680, 0.3154,
0.2537

Harmonies

Analogous

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



26.6853, 0.3847, 0.4775



26.6853, 0.3069, 0.4706



26.6853, 0.2349, 0.4034

Triad

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



26.6853, 0.3069, 0.4706



26.6853, 0.1865, 0.2117



26.6853, 0.4541, 0.3198

Complementary

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



26.6853, 0.3069, 0.4706



15.8389, 0.3165, 0.2183

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.



26.6853, 0.3857, 0.2663



26.6853, 0.3069, 0.4706



26.6853, 0.2298, 0.2067

Square

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



26.6853, 0.3069, 0.4706



26.6853, 0.1721, 0.2460



26.6853, 0.3006, 0.2263



26.6853, 0.4760, 0.3793

Rectangle

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



26.6853, 0.3069, 0.4706



26.6853, 0.1999, 0.3428



26.6853, 0.3006, 0.2263



26.6853, 0.4354, 0.3010

Sweetspot

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



26.6864, 0.3069, 0.4706



55.5094, 0.3113, 0.3658



31.5139, 0.3805, 0.4383



12.0799, 0.3111, 0.3715



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.6864, 0.3069, 0.4706



46.1619, 0.3052, 0.5072



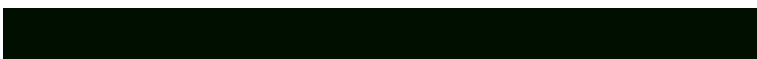
27.3379, 0.2794, 0.4008



7.4052, 0.3118, 0.3521



19.5978, 0.3004, 0.5997



0.3516, 0.3024, 0.5981

Inverse Universe

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



15.8389, 0.3165, 0.2183



24.2452, 0.3171, 0.1971



14.9042, 0.3701, 0.2681



6.7499, 0.3135, 0.3069



7.6233, 0.3175, 0.1523



0.1376, 0.3190, 0.1531

Previews

White Background



This preview shows how the Yxy color 26.6853, 0.3069, 0.4706 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 26.6853, 0.3069, 0.4706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

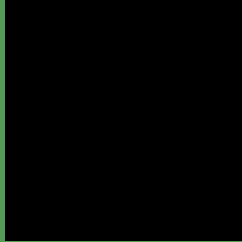
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6853, 0.3069, 0.4706

Background



This preview shows how black text looks on a background with the Yxy color 26.6853, 0.3069, 0.4706.



This preview shows how white text looks on a background with the Yxy color 26.6853, 0.3069, 0.4706.

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

26.6853, 0.3069, 0.4706

Protanopia

26.1763, 0.3932, 0.4274

Deuteranopia

26.2234, 0.4033, 0.3956



Tritanopia

26.4846, 0.2594, 0.3080

Trichromacy



Original Color

26.6853, 0.3069, 0.4706

Protanomaly

25.8041, 0.3579, 0.4444

Deuteranomaly

25.4539, 0.3631, 0.4217

Tritanomaly

26.2321, 0.2770, 0.3642

Monochromacy



Original Color

26.6853, 0.3069, 0.4706

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.7694, 0.3114, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6853, 0.3069, 0.4706 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(85, 157, 84)` looks like.

```
.text, #text, p{  
    color:rgb(85, 157, 84)  
}
```

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(85, 157, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 157, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.6853, 0.3069, 0.4706 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(85, 157, 84) }
```

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

```
.border{ border-color:rgb(85, 157, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 157, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 157, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 157, 84);  
box-shadow:4px 4px 4px 4px rgb(85, 157,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6853, 0.3069, 0.4706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 157, 84) }
```

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

```
.background{ background-color: rgb(85, 157,  
84) }
```

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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