

Converting Colors

$Yxy(26.0136, 0.2921, 0.4690)$

Have a look what the booklet for
Yxy(26.0136, 0.2921, 0.4690)
contains.

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Color

Yxy(26.0673, 0.2925, 0.4698)

Conversions

Conversions Part 1

Format	Color
Hex	459D57
RGB	69, 157, 87
RGB Percent	27%, 62%, 34%
CMY	0.7295, 0.3843, 0.6589
CMYK	0.56, 0.00, 0.45, 0.38
HSL	132°, 39%, 44%
HSV	132°, 56%, 62%
XYZ	16.2296, 26.0673, 13.1890
YIQ	122.7080, -29.9780, -40.4260

Conversions

Conversions Part 2

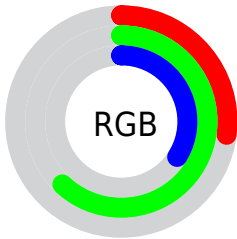
Format	Color
RYB	69, 142, 157
Decimal	4562263
CIELab	58.10, -42.01, 28.80
CIELCh	58, 50.935, 145.564
Yxy	26.0673, 0.2925, 0.4698
Android (android.graphics.Color)	4282752343 (0xFF459D57)
YUV	122.7080, -17.6040, -47.1019
Hunter-Lab	51.0561, -32.6070, 20.4233

Details

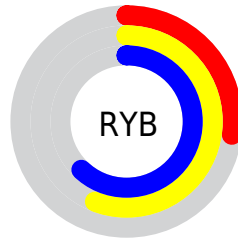
The Yxy color $26.0673, 0.2925, 0.4698$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $13.2862, 0.3456, 0.2219$, and the grayscale version is $19.7705, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2070, 0.2986, 0.4360$, and $10.2564, 0.2803, 0.5289$ is the 20% darker color. If you saturate the color by 10%, you get $25.3817, 0.2909, 0.4990$, and if you desaturate by 10%, it is $26.9423, 0.2951, 0.4405$.

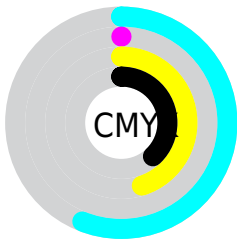
Distribution



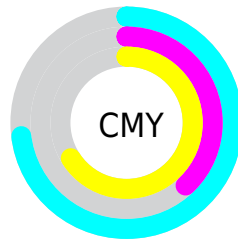
- Red (27%)
- Green (62%)
- Blue (34%)



- Red (27%)
- Yellow (56%)
- Blue (62%)



- Cyan (56%)
- Magenta (0%)
- Yellow (45%)
- Black (38%)



- Cyan (73%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0673, 0.2925, 0.4698 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 26.0673, 0.2925, 0.4698 by changing the saturation by 10% instead.

 26.0673, 0.2925,
0.4698


 26.0673, 0.2925,
0.4698


283.1123, 0.3066,
0.3876


 16.8740, 0.2869,
0.4951


 53.3835, 0.2989,
0.4366

 10.1447, 0.2781,
0.5310


 72.2752, 0.3009,
0.4252

 5.4950, 0.2627,
0.5847

 95.1684, 0.3024,
0.4159

 2.5405, 0.2451,
0.7080

 122.4477, 0.3036,
0.4083

 0.8969, 0.0000,
1.0000

 154.4973, 0.3046,
0.4019

 0.0000, 0.0000,
0.0000

191.7017, 0.3054,

0.3964

234.4452, 0.3060,
0.3917

■ 26.0673, 0.2925,
0.4698

■ 26.0673, 0.2925,
0.4698

■ 25.3817, 0.2909,
0.4990

■ 26.9423, 0.2951,
0.4405

■ 24.8681, 0.2904,
0.5267

■ 28.0161, 0.2984,
0.4123

■ 24.5115, 0.2912,
0.5511

■ 29.3012, 0.3022,
0.3860

■ 24.2898, 0.2931,
0.5709

■ 30.8083, 0.3062,
0.3621

■ 24.2211, 0.2937,
0.5775

■ 32.5473, 0.3103,
0.3407

■ 34.5275, 0.3143,
0.3219

■ 36.7576, 0.3181,
0.3053

■ 39.2460, 0.3218,
0.2909

■ 42.0007, 0.3253,
0.2784

Harmonies

Analogous

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



26.0673, 0.3738, 0.4870



26.0673, 0.2925, 0.4698



26.0673, 0.2211, 0.3912

Triad

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



26.0673, 0.2925, 0.4698



26.0673, 0.1874, 0.2046



26.0673, 0.4679, 0.3289

Complementary

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



26.0673, 0.2925, 0.4698



13.2862, 0.3456, 0.2219

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.



26.0673, 0.4029, 0.2723



26.0673, 0.2925, 0.4698



26.0673, 0.2370, 0.2042

Square

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



26.0673, 0.2925, 0.4698



26.0673, 0.1676, 0.2342



26.0673, 0.3143, 0.2283



26.0673, 0.4809, 0.3905

Rectangle

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



26.0673, 0.2925, 0.4698



26.0673, 0.1887, 0.3275



26.0673, 0.3143, 0.2283



26.0673, 0.4511, 0.3091

Sweetspot

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



26.0684, 0.2925, 0.4698



54.8072, 0.3057, 0.3650



30.0691, 0.3721, 0.4692



11.9469, 0.3049, 0.3692



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.



26.0684, 0.2925, 0.4698



45.2217, 0.2907, 0.5054



27.0083, 0.2611, 0.3796



7.4222, 0.3090, 0.3473



19.6747, 0.2934, 0.5763



0.3570, 0.2754, 0.5116

Inverse Universe

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



13.2862, 0.3456, 0.2219



20.0261, 0.3551, 0.2045



12.2554, 0.4243, 0.2870



6.7313, 0.3167, 0.3114



7.0274, 0.3792, 0.1862



0.1311, 0.3522, 0.1714

Previews

White Background



This preview shows how the Yxy color 26.0673, 0.2925, 0.4698 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 26.0673, 0.2925, 0.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

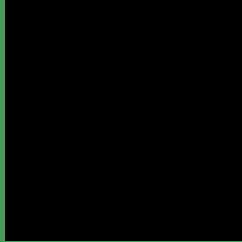
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0673, 0.2925, 0.4698

Background



This preview shows how black text looks on a background with the Yxy color 26.0673, 0.2925, 0.4698.



This preview shows how white text looks on a background with the Yxy color 26.0673, 0.2925, 0.4698.

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

26.0673, 0.2925, 0.4698

Protanopia

25.7198, 0.3896, 0.4240

Deuteranopia

25.6724, 0.3971, 0.3908



Tritanopia

26.1428, 0.2495, 0.3076

Trichromacy



Original Color

26.0673, 0.2925, 0.4698



Protanomaly

25.3199, 0.3473, 0.4426



Deuteranomaly

24.9266, 0.3519, 0.4193



Tritanomaly

25.9270, 0.2650, 0.3631

Monochromacy



Original Color

26.0673, 0.2925, 0.4698



Achromatopsia

19.8069, 0.3127, 0.3290



Achromatomaly

21.3373, 0.3028, 0.3785

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0673, 0.2925, 0.4698 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(69, 157, 87)` looks like.

```
.text, #text, p{  
    color:rgb(69, 157, 87)  
}
```

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(69, 157, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 157, 87) }
```

Border

The CSS property to change the border of an element to Yxy 26.0673, 0.2925, 0.4698 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(69, 157, 87) }
```

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

```
.border{ border-color:rgb(69, 157, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 157, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 157, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 157, 87);  
box-shadow:4px 4px 4px 4px rgb(69, 157,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0673, 0.2925, 0.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 157, 87) }
```

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

```
.background{ background-color: rgb(69, 157,  
87) }
```

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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