

Converting Colors

$Yxy(27.0277, 0.2907, 0.3698)$

Have a look what the booklet for
Yxy(27.0277, 0.2907, 0.3698)
contains.

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Color

$Y_{xy}(26.9063, 0.2907, 0.3688)$

Conversions

Conversions Part 1

Format	Color
Hex	6C9781
RGB	108, 151, 129
RGB Percent	42%, 59%, 51%
CMY	0.5767, 0.4078, 0.4941
CMYK	0.29, 0.00, 0.15, 0.41
HSL	149°, 17%, 51%
HSV	149°, 29%, 59%
XYZ	21.2084, 26.9063, 24.8416
YIQ	135.6350, -18.5660, -15.9580

Conversions

Conversions Part 2

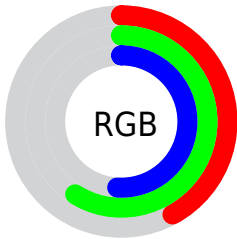
Format	Color
RYB	108, 137, 151
Decimal	7116673
CIELab	58.89, -19.52, 6.91
CIELCh	59, 20.709, 160.516
Yxy	26.9063, 0.2907, 0.3688
Android (android.graphics.Color)	4285306753 (0xFF6C9781)
YUV	135.6350, -3.2711, -24.2359
Hunter-Lab	51.8713, -17.7921, 7.9154

Details

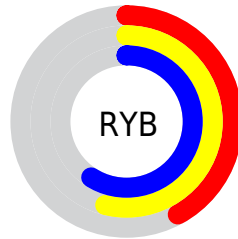
The Yxy color $26.9063, 0.2907, 0.3688$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.9064, 0.3426, 0.2925$, and the grayscale version is $24.4913, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5136, 0.2951, 0.3593$, and $10.6233, 0.2823, 0.3841$ is the 20% darker color. If you saturate the color by 10%, you get $25.8440, 0.2839, 0.3855$, and if you desaturate by 10%, it is $28.1503, 0.2981, 0.3535$.

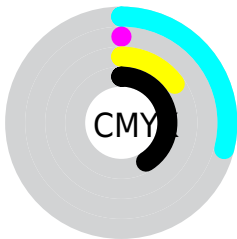
Distribution



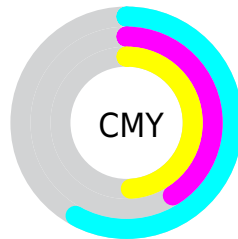
- Red (42%)
- Green (59%)
- Blue (51%)



- Red (42%)
- Yellow (54%)
- Blue (59%)



- Cyan (29%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)





- Cyan (58%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9063, 0.2907, 0.3688 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 26.9063, 0.2907, 0.3688 by changing the saturation by 10% instead.


 26.9063, 0.2907,
0.3688


 26.9063, 0.2907,
0.3688


287.2032, 0.3030,
0.3465


 17.5029, 0.2871,
0.3753


 54.7335, 0.2955,
0.3600


 10.5937, 0.2822,
0.3844


 73.9260, 0.2972,
0.3570

 5.7943, 0.2749,
0.3979

 97.1503, 0.2986,
0.3544

 2.7204, 0.2630,
0.4199

 124.7909, 0.2998,
0.3523

 0.9876, 0.2254,
0.4854

157.2321, 0.3007,
0.3506

 0.0000, 0.0000,
0.0000

194.8582, 0.3016,

0.3490

238.0538, 0.3023,
0.3477

■ 26.9063, 0.2907,
0.3688

■ 26.9063, 0.2907,
0.3688

■ 25.8440, 0.2839,
0.3855

■ 28.1503, 0.2981,
0.3535

■ 24.9513, 0.2781,
0.4034

■ 29.5810, 0.3059,
0.3397

■ 24.2197, 0.2736,
0.4224

■ 31.2069, 0.3139,
0.3272

■ 23.6387, 0.2706,
0.4419

■ 33.0355, 0.3219,
0.3162

■ 23.1965, 0.2694,
0.4615

■ 35.0735, 0.3297,
0.3065

■ 22.8792, 0.2701,
0.4808

■ 37.3274, 0.3374,
0.2979

■ 22.6591, 0.2724,
0.4992

■ 39.8036, 0.3447,
0.2904

■ 22.6291, 0.2727,
0.5019

■ 42.5079, 0.3517,
0.2838

■ 45.4462, 0.3584,
0.2781

Harmonies

Analogous

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



26.9063, 0.3250, 0.3886



26.9063, 0.2907, 0.3688



26.9063, 0.2633, 0.3368

Triad

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



26.9063, 0.2907, 0.3688



26.9063, 0.2679, 0.2722



26.9063, 0.3808, 0.3473

Complementary

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



26.9063, 0.2907, 0.3688



18.9064, 0.3426, 0.2925

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.



26.9063, 0.3639, 0.3187



26.9063, 0.2907, 0.3688



26.9063, 0.2974, 0.2769

Square

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



26.9063, 0.2907, 0.3688



26.9063, 0.2508, 0.2815



26.9063, 0.3328, 0.2935



26.9063, 0.3781, 0.3733

Rectangle

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



26.9063, 0.2907, 0.3688



26.9063, 0.2521, 0.3146



26.9063, 0.3328, 0.2935



26.9063, 0.3772, 0.3377

Sweetspot

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



26.9074, 0.2907, 0.3688



52.7847, 0.3054, 0.3405



27.9809, 0.3318, 0.4035



11.9145, 0.3043, 0.3423



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.



26.9074, 0.2907, 0.3688



46.9677, 0.2864, 0.3789



27.5342, 0.2731, 0.3301



6.9734, 0.3054, 0.3406



19.2532, 0.2724, 0.5008



0.2952, 0.2510, 0.4236

Inverse Universe

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



18.9064, 0.3426, 0.2925



30.3100, 0.3513, 0.2842



18.3924, 0.3720, 0.3280



6.2728, 0.3208, 0.3177



6.0614, 0.4866, 0.2454



0.0980, 0.4028, 0.1992

Previews

White Background



This preview shows how the Yxy color 26.9063, 0.2907, 0.3688 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 26.9063, 0.2907, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

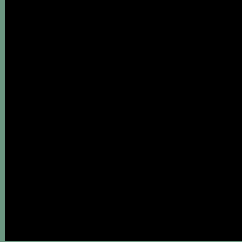
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9063, 0.2907, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 26.9063, 0.2907, 0.3688.



This preview shows how white text looks on a background with the Yxy color 26.9063, 0.2907, 0.3688.

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

26.9063, 0.2907, 0.3688

Protanopia

26.8009, 0.3380, 0.3570

Deuteranopia

26.5434, 0.3420, 0.3354



Tritanopia

26.9480, 0.2706, 0.3086

Trichromacy



Original Color

26.9063, 0.2907, 0.3688

Protanomaly

26.7437, 0.3186, 0.3616

Deuteranomaly

26.2639, 0.3217, 0.3458

Tritanomaly

26.7627, 0.2780, 0.3289

Monochromacy



Original Color

26.9063, 0.2907, 0.3688

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1788, 0.3046, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9063, 0.2907, 0.3688 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(108, 151, 129)` looks like.

```
.text, #text, p{  
    color:rgb(108, 151, 129)  
}
```

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(108, 151, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 151, 129) }
```

Border

The CSS property to change the border of an element to Yxy 26.9063, 0.2907, 0.3688 is called "border". The border property can be set on classes, ids or directly on the HTML element.

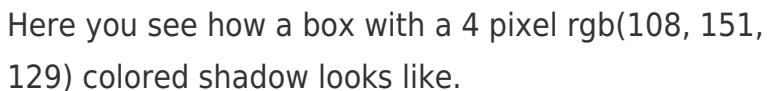
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 151, 129) }
```

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

```
.border{ border-color:rgb(108, 151, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 151, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 151, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 151, 129); box-shadow:4px 4px 4px 4px rgb(108, 151, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9063, 0.2907, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 151, 129) }
```

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

```
.background{ background-color: rgb(108,  
151, 129) }
```

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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