

Converting Colors

$Y_{xy}(29.2481, 0.2860, 0.3685)$

Have a look what the booklet for
Yxy(29.2481, 0.2860, 0.3685)
contains.

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Color

Yxy(29.3911, 0.2863, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	6C9E87
RGB	108, 158, 135
RGB Percent	42%, 62%, 53%
CMY	0.5767, 0.3803, 0.4706
CMYK	0.32, 0.00, 0.15, 0.38
HSL	152°, 21%, 52%
HSV	152°, 32%, 62%
XYZ	22.7793, 29.3911, 27.3940
YIQ	140.4280, -22.4170, -17.7530

Conversions

Conversions Part 2

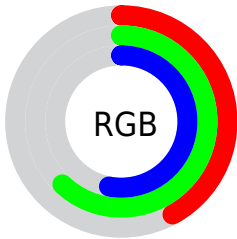
Format	Color
RYB	108, 140, 158
Decimal	7118471
CIELab	61.13, -21.86, 6.72
CIELCh	61, 22.867, 162.921
Yxy	29.3911, 0.2863, 0.3694
Android (android.graphics.Color)	4285308551 (0xFF6C9E87)
YUV	140.4280, -2.6760, -28.4394
Hunter-Lab	54.2136, -19.8721, 7.9903

Details

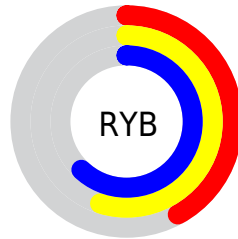
The Yxy color $29.3911, 0.2863, 0.3694$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.6216, 0.3506, 0.2921$, and the grayscale version is $26.4141, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.7964, 0.2922, 0.3612$, and $11.8635, 0.2769, 0.3847$ is the 20% darker color. If you saturate the color by 10%, you get $28.2927, 0.2793, 0.3847$, and if you desaturate by 10%, it is $30.6855, 0.2942, 0.3553$.

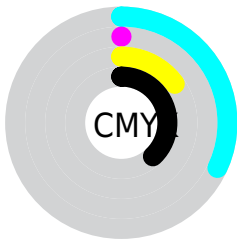
Distribution



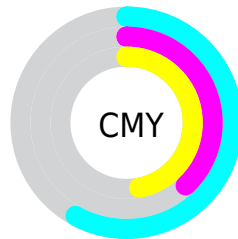
- Red (42%)
- Green (62%)
- Blue (53%)



- Red (42%)
- Yellow (55%)
- Blue (62%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)





- Cyan (58%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3911, 0.2863, 0.3694 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 29.3911, 0.2863, 0.3694 by changing the saturation by 10% instead.


 29.3911, 0.2863,
0.3694


 29.3911, 0.2863,
0.3694


299.0558, 0.3008,
0.3471

 19.3769, 0.2822,
0.3758


 58.6979, 0.2919,
0.3607


 11.9429, 0.2766,
0.3846


 78.7593, 0.2939,
0.3576

 6.7048, 0.2685,
0.3975


 102.9385, 0.2955,
0.3551

 3.2782, 0.2557,
0.4180

 131.6199, 0.2969,
0.3530

 1.2786, 0.2286,
0.4588

165.1879, 0.2981,
0.3512

 0.1246, 0.0000,
1.0000

204.0270, 0.2991,

 0.0000, 0.0000,

0.3496

0.0000

248.5215, 0.3000,
0.3483

■ 29.3911, 0.2863,
0.3694

■ 29.3911, 0.2863,
0.3694

■ 28.2927, 0.2793,
0.3847

■ 30.6855, 0.2942,
0.3553

■ 27.3765, 0.2733,
0.4011

■ 32.1813, 0.3026,
0.3424

■ 26.6330, 0.2688,
0.4183

■ 33.8886, 0.3112,
0.3308

■ 26.0499, 0.2660,
0.4359

■ 35.8154, 0.3200,
0.3205

■ 25.6135, 0.2651,
0.4536

■ 37.9693, 0.3287,
0.3113

■ 25.3076, 0.2662,
0.4710

■ 40.3578, 0.3372,
0.3032

■ 25.1203, 0.2681,
0.4850

■ 42.9878, 0.3455,
0.2961

■ 45.8659, 0.3534,
0.2899

■ 48.9986, 0.3610,
0.2845

Harmonies

Analogous

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



29.3911, 0.3227, 0.3921



29.3911, 0.2863, 0.3694



29.3911, 0.2580, 0.3343

Triad

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



29.3911, 0.2863, 0.3694



29.3911, 0.2669, 0.2682



29.3911, 0.3864, 0.3508

Complementary

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



29.3911, 0.2863, 0.3694



19.6216, 0.3506, 0.2921

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.



29.3911, 0.3698, 0.3202



29.3911, 0.2863, 0.3694



29.3911, 0.2992, 0.2744

Square

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



29.3911, 0.2863, 0.3694



29.3911, 0.2475, 0.2768



29.3911, 0.3371, 0.2930



29.3911, 0.3816, 0.3781

Rectangle

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



29.3911, 0.2863, 0.3694



29.3911, 0.2470, 0.3107



29.3911, 0.3371, 0.2930



29.3911, 0.3831, 0.3406

Sweetspot

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



29.3923, 0.2863, 0.3694



58.8677, 0.3038, 0.3406



30.3900, 0.3312, 0.4135



13.1840, 0.3027, 0.3422



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.3923, 0.2863, 0.3694



51.9221, 0.2812, 0.3801



29.5465, 0.2681, 0.3261



7.4580, 0.3047, 0.3395



20.1231, 0.2677, 0.4836



0.3683, 0.2489, 0.4159

Inverse Universe

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



19.6216, 0.3506, 0.2921



31.3402, 0.3624, 0.2836



19.4209, 0.3819, 0.3319



6.6943, 0.3216, 0.3188



6.2109, 0.5084, 0.2574



0.1195, 0.4202, 0.2088

Previews

White Background



This preview shows how the Yxy color 29.3911, 0.2863, 0.3694 looks on a white background.

Color Contrast Check

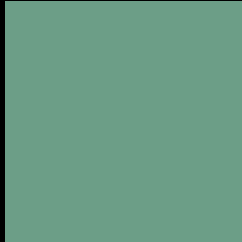
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3911, 0.2863, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

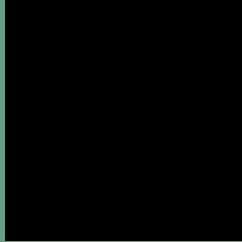
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3911, 0.2863, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 29.3911, 0.2863, 0.3694.



This preview shows how white text looks on a background with the Yxy color 29.3911, 0.2863, 0.3694.

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

29.3911, 0.2863, 0.3694

Protanopia

29.3224, 0.3380, 0.3575

Deuteranopia

29.0735, 0.3409, 0.3352



Tritanopia

29.5092, 0.2673, 0.3092

Trichromacy



Original Color

29.3911, 0.2863, 0.3694

Protanomaly

29.0903, 0.3172, 0.3622

Deuteranomaly

28.9152, 0.3192, 0.3468

Tritanomaly

29.2540, 0.2734, 0.3289

Monochromacy



Original Color

29.3911, 0.2863, 0.3694

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.2916, 0.3018, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3911, 0.2863, 0.3694 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, 158, 135)` looks like.

```
.text, #text, p{  
    color:rgb(108, 158, 135)  
}
```

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, 158, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 158, 135) }
```

Border

The CSS property to change the border of an element to Yxy 29.3911, 0.2863, 0.3694 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, 158, 135) }
```

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

```
.border{ border-color:rgb(108, 158, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 158, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 158, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 158, 135);  
box-shadow:4px 4px 4px 4px rgb(108, 158,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3911, 0.2863, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 158, 135) }
```

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

```
.background{ background-color: rgb(108,  
158, 135) }
```

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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