

Converting Colors

$Y_{xy}(29.0233, 0.2871, 0.3696)$

Have a look what the booklet for
Yxy(29.0233, 0.2871, 0.3696)
contains.

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Color

Yxy(29.0233, 0.2871, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	6C9D86
RGB	108, 157, 134
RGB Percent	42%, 62%, 53%
CMY	0.5764, 0.3843, 0.4746
CMYK	0.31, 0.00, 0.15, 0.38
HSL	152°, 20%, 52%
HSV	152°, 31%, 62%
XYZ	22.5449, 29.0233, 26.9581
YIQ	139.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

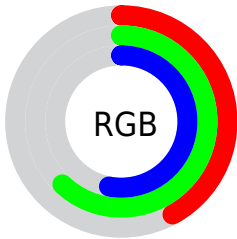
Format	Color
R_{YB}	108, 140, 157
Decimal	7118214
CIE _{Lab}	60.80, -21.53, 6.83
CIE _{LCh}	61, 22.593, 162.398
Yxy	29.0233, 0.2871, 0.3696
Android (android.graphics.Color)	4285308294 (0xFF6C9D86)
YUV	139.7270, -2.8234, -27.8246
Hunter-Lab	53.8733, -19.5796, 8.0427

Details

The Yxy color $29.0233, 0.2871, 0.3696$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.5385, 0.3491, 0.2919$, and the grayscale version is $26.1332, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2519, 0.2928, 0.3613$, and $11.6428, 0.2777, 0.3851$ is the 20% darker color. If you saturate the color by 10%, you get $27.9281, 0.2801, 0.3852$, and if you desaturate by 10%, it is $30.3126, 0.2949, 0.3552$.

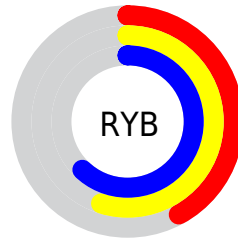
Distribution



Red (42%)

Green (62%)

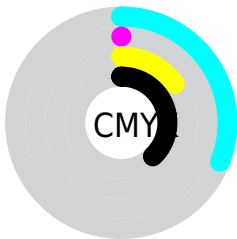
Blue (53%)



Red (42%)

Yellow (55%)

Blue (62%)

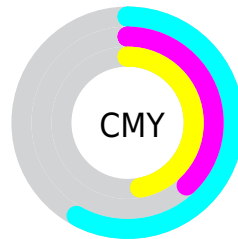


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (38%)



Cyan (58%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0233, 0.2871, 0.3696 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 29.0233, 0.2871, 0.3696 by changing the saturation by 10% instead.


 29.0233, 0.2871,
0.3696


 29.0233, 0.2871,
0.3696

297.3249, 0.3012,
0.3471


 19.0984, 0.2831,
0.3761


 58.1141, 0.2926,
0.3608


 11.7414, 0.2776,
0.3850


 78.0488, 0.2945,
0.3577

 6.5679, 0.2696,
0.3980


 102.0890, 0.2961,
0.3552

 3.1934, 0.2570,
0.4189

 130.6190, 0.2974,
0.3531

 1.2335, 0.2289,
0.4622

164.0232, 0.2986,
0.3512

 0.0888, 0.0000,
1.0000

202.6859, 0.2996,

 0.0000, 0.0000,

0.3497

0.0000

246.9917, 0.3004,
0.3483

■ 29.0233, 0.2871,
0.3696

■ 29.0233, 0.2871,
0.3696

■ 27.9281, 0.2801,
0.3852

■ 30.3126, 0.2949,
0.3552

■ 27.0135, 0.2742,
0.4020

■ 31.8014, 0.3031,
0.3421

■ 26.2701, 0.2697,
0.4195

■ 33.4995, 0.3117,
0.3303

■ 25.6859, 0.2669,
0.4375

■ 35.4149, 0.3203,
0.3198

■ 25.2475, 0.2660,
0.4557

■ 37.5550, 0.3288,
0.3105

■ 24.9391, 0.2670,
0.4734

■ 39.9272, 0.3372,
0.3023

■ 24.7417, 0.2690,
0.4885

■ 42.5383, 0.3453,
0.2951

■ 45.3948, 0.3530,
0.2888

■ 48.5031, 0.3604,
0.2833

Harmonies

Analogous

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



29.0233, 0.3233, 0.3918



29.0233, 0.2871, 0.3696



29.0233, 0.2588, 0.3349

Triad

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



29.0233, 0.2871, 0.3696



29.0233, 0.2668, 0.2687



29.0233, 0.3857, 0.3501

Complementary

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



29.0233, 0.2871, 0.3696



19.5385, 0.3491, 0.2919

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.



29.0233, 0.3689, 0.3198



29.0233, 0.2871, 0.3696



29.0233, 0.2987, 0.2746

Square

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



29.0233, 0.2871, 0.3696



29.0233, 0.2477, 0.2775



29.0233, 0.3363, 0.2929



29.0233, 0.3814, 0.3774

Rectangle

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



29.0233, 0.2871, 0.3696



29.0233, 0.2477, 0.3114



29.0233, 0.3363, 0.2929



29.0233, 0.3823, 0.3400

Sweetspot

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



29.0245, 0.2871, 0.3696



57.5366, 0.3049, 0.3396



30.0786, 0.3318, 0.4118



12.5737, 0.3037, 0.3413



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.



29.0245, 0.2871, 0.3696



50.6616, 0.2824, 0.3797



29.4631, 0.2689, 0.3275



7.4568, 0.3048, 0.3397



20.1020, 0.2687, 0.4872



0.3679, 0.2495, 0.4183

Inverse Universe

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



19.5385, 0.3491, 0.2919



31.0923, 0.3596, 0.2839



19.1547, 0.3808, 0.3306



6.6955, 0.3214, 0.3185



6.2287, 0.5040, 0.2550



0.1199, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 29.0233, 0.2871, 0.3696 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 29.0233, 0.2871, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

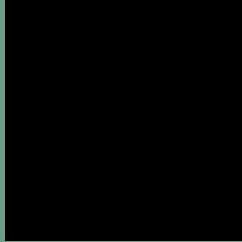
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0233, 0.2871, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 29.0233, 0.2871, 0.3696.

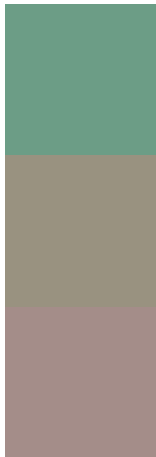


This preview shows how white text looks on a background with the Yxy color 29.0233, 0.2871, 0.3696.

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

29.0233, 0.2871, 0.3696

Protanopia

28.8886, 0.3382, 0.3577

Deuteranopia

28.7484, 0.3422, 0.3352



Tritanopia

29.1439, 0.2678, 0.3091

Trichromacy



Original Color

29.0233, 0.2871, 0.3696

Protanomaly

28.7428, 0.3183, 0.3623

Deuteranomaly

28.5743, 0.3202, 0.3469

Tritanomaly

28.8890, 0.2740, 0.3289

Monochromacy



Original Color

29.0233, 0.2871, 0.3696

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.9819, 0.3018, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0233, 0.2871, 0.3696 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, 157, 134)` looks like.

```
.text, #text, p{  
    color:rgb(108, 157, 134)  
}
```

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, 157, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 157, 134) }
```

Border

The CSS property to change the border of an element to Yxy 29.0233, 0.2871, 0.3696 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, 157, 134) }
```

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

```
.border{ border-color:rgb(108, 157, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 157, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 157, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 157, 134);  
box-shadow:4px 4px 4px 4px rgb(108, 157,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0233, 0.2871, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 157, 134) }
```

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

```
.background{ background-color: rgb(108,  
157, 134) }
```

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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