

Converting Colors

$Yxy(28.0224, 0.3016, 0.3529)$

Have a look what the booklet for
Yxy(28.0224, 0.3016, 0.3529)
contains.

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Color

$Y_{xy}(28.0259, 0.3016, 0.3529)$

Conversions

Conversions Part 1

Format	Color
Hex	7E9688
RGB	126, 150, 136
RGB Percent	49%, 59%, 53%
CMY	0.5060, 0.4117, 0.4667
CMYK	0.16, 0.00, 0.09, 0.41
HSL	145°, 10%, 54%
HSV	145°, 16%, 59%
XYZ	23.9519, 28.0259, 27.4382
YIQ	141.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

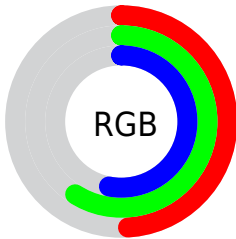
Format	Color
RYB	126, 143, 150
Decimal	8296072
CIELab	59.91, -11.39, 4.56
CIELCh	60, 12.267, 158.197
Yxy	28.0259, 0.3016, 0.3529
Android (android.graphics.Color)	4286486152 (0xFF7E9688)
YUV	141.2280, -2.5774, -13.3550
Hunter-Lab	52.9395, -11.8839, 6.3280

Details

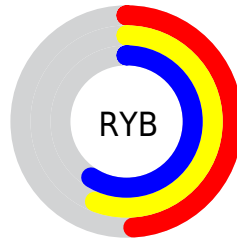
The Yxy color $28.0259, 0.3016, 0.3529$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $23.2945, 0.3257, 0.3063$, and the grayscale version is $26.7424, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4436, 0.3043, 0.3479$, and $11.1733, 0.2983, 0.3622$ is the 20% darker color. If you saturate the color by 10%, you get $26.7325, 0.2950, 0.3700$, and if you desaturate by 10%, it is $29.5130, 0.3085, 0.3375$.

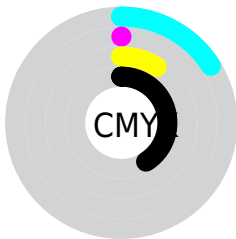
Distribution



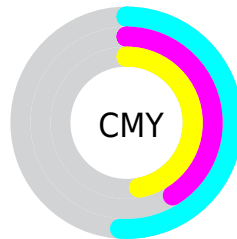
- Red (49%)
- Green (59%)
- Blue (53%)



- Red (49%)
- Yellow (56%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)





- Cyan (51%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0259, 0.3016, 0.3529 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 28.0259, 0.3016, 0.3529 by changing the saturation by 10% instead.


 28.0259, 0.3016,
0.3529


 28.0259, 0.3016,
0.3529


292.5907, 0.3077,
0.3397

 18.3452, 0.2998,
0.3567


 56.5258, 0.3040,
0.3478

 11.1981, 0.2974,
0.3618


 76.1138, 0.3048,
0.3460

 6.2002, 0.2939,
0.3694

 99.7729, 0.3055,
0.3445

 2.9672, 0.2883,
0.3815

127.8877, 0.3061,
0.3432

 1.1146, 0.2776,
0.4045

160.8425, 0.3066,
0.3422

 0.0000, 0.0000,
0.0000

199.0216, 0.3070,

0.3412

242.8095, 0.3074,
0.3404

■ 28.0259, 0.3016,
0.3529

■ 28.0259, 0.3016,
0.3529

■ 26.7325, 0.2950,
0.3700

■ 29.5130, 0.3085,
0.3375

■ 25.6211, 0.2888,
0.3888

■ 31.1978, 0.3155,
0.3237

■ 24.6843, 0.2834,
0.4092

■ 33.0886, 0.3224,
0.3116

■ 23.9127, 0.2792,
0.4306

■ 35.1922, 0.3291,
0.3008

■ 23.2960, 0.2763,
0.4528

■ 37.5152, 0.3356,
0.2915

■ 22.8227, 0.2751,
0.4751

■ 40.0637, 0.3418,
0.2832

■ 22.4795, 0.2757,
0.4967

■ 42.8437, 0.3477,
0.2761

■ 22.2477, 0.2781,
0.5170

■ 45.8609, 0.3533,
0.2698

■ 22.1693, 0.2791,
0.5247

■ 47.9675, 0.3531,
0.2631

Harmonies

Analogous

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



28.0259, 0.3220, 0.3635



28.0259, 0.3016, 0.3529



28.0259, 0.2846, 0.3354

Triad

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



28.0259, 0.3016, 0.3529



28.0259, 0.2852, 0.2953



28.0259, 0.3518, 0.3393

Complementary

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



28.0259, 0.3016, 0.3529



23.2945, 0.3257, 0.3063

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.



28.0259, 0.3414, 0.3220



28.0259, 0.3016, 0.3529



28.0259, 0.3025, 0.2971

Square

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



28.0259, 0.3016, 0.3529



28.0259, 0.2753, 0.3021



28.0259, 0.3231, 0.3068



28.0259, 0.3514, 0.3547

Rectangle

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



28.0259, 0.3016, 0.3529



28.0259, 0.2773, 0.3227



28.0259, 0.3231, 0.3068



28.0259, 0.3495, 0.3335

Sweetspot

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



28.0271, 0.3016, 0.3529



52.3358, 0.3092, 0.3361



28.8965, 0.3253, 0.3688



11.5588, 0.3087, 0.3371



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



28.0271, 0.3016, 0.3529



48.6517, 0.2993, 0.3585



28.3879, 0.2909, 0.3323



6.5061, 0.3063, 0.3422



18.3905, 0.2787, 0.5233



0.2307, 0.2556, 0.4401

Inverse Universe

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



23.2945, 0.3257, 0.3063



38.7818, 0.3289, 0.3013



22.9593, 0.3396, 0.3258



5.8687, 0.3197, 0.3162



5.9612, 0.4569, 0.2291



0.0789, 0.3846, 0.1892

Previews

White Background



This preview shows how the Yxy color 28.0259, 0.3016, 0.3529 looks on a white background.

Color Contrast Check

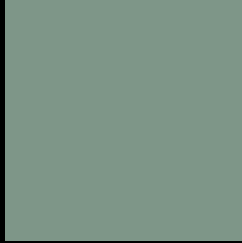
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0259, 0.3016, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

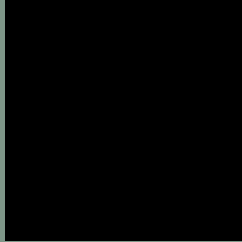
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

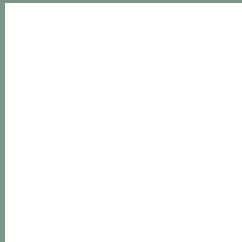
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.0259, 0.3016, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 28.0259, 0.3016, 0.3529.



This preview shows how white text looks on a background with the Yxy color 28.0259, 0.3016, 0.3529.

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

28.0259, 0.3016, 0.3529

Protanopia

28.0295, 0.3291, 0.3468

Deuteranopia

27.7738, 0.3371, 0.3306



Tritanopia

28.0819, 0.2858, 0.3110

Trichromacy



Original Color

28.0259, 0.3016, 0.3529

Protanomaly

27.9417, 0.3191, 0.3488

Deuteranomaly

27.7470, 0.3241, 0.3387

Tritanomaly

28.0489, 0.2919, 0.3256

Monochromacy



Original Color

28.0259, 0.3016, 0.3529

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.0448, 0.3092, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0259, 0.3016, 0.3529 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(126, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(126, 150, 136)  
}
```

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(126, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 150, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.0259, 0.3016, 0.3529 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(126, 150, 136) }
```

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

```
.border{ border-color:rgb(126, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(126, 150,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0259, 0.3016, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 150, 136) }
```

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

```
.background{ background-color: rgb(126,  
150, 136) }
```

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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