

Converting Colors

$Y_{xy}(28.1233, 0.2829, 0.3016)$

Have a look what the booklet for
Yxy(28.1233, 0.2829, 0.3016)
contains.

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Color

Yxy(28.1076, 0.2833, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	8492A3
RGB	132, 146, 163
RGB Percent	52%, 57%, 64%
CMY	0.4825, 0.4274, 0.3608
CMYK	0.19, 0.10, 0.00, 0.36
HSL	213°, 14%, 58%
HSV	213°, 19%, 64%
XYZ	26.4021, 28.1076, 38.6852
YIQ	143.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

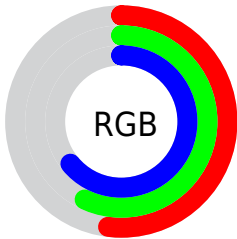
Format	Color
RYB	132, 142, 163
Decimal	8688291
CIELab	59.99, -1.29, -10.64
CIElCh	60, 10.720, 263.114
Yxy	28.1076, 0.2833, 0.3016
Android (android.graphics.Color)	4286878371 (0xFF8492A3)
YUV	143.7520, 9.4893, -10.3065
Hunter-Lab	53.0166, -3.8865, -6.1512

Details

The Yxy color **28.1076, 0.2833, 0.3016** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9357, 0.3443, 0.3550**, and the grayscale version is **27.7491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6848, 0.2890, 0.3073**, and **11.3073, 0.2735, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **24.2504, 0.2670, 0.2849**, and if you desaturate by 10%, it is **32.3874, 0.2991, 0.3167**.

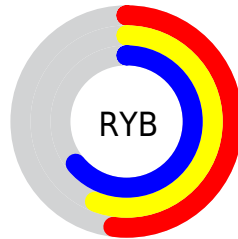
Distribution



Red (52%)

Green (57%)

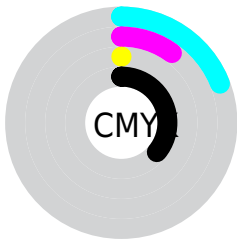
Blue (64%)



Red (52%)

Yellow (56%)

Blue (64%)

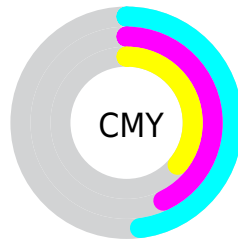


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1076, 0.2833, 0.3016 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 28.1076, 0.2833, 0.3016 by changing the saturation by 10% instead.

■ 28.1076, 0.2833,
0.3016

■ 28.1076, 0.2833,
0.3016

■ 292.9807, 0.2991,
0.3164

■ 18.4068, 0.2789,
0.2975

■ 56.6562, 0.2893,
0.3073

■ 11.2424, 0.2731,
0.2919

■ 76.2727, 0.2915,
0.3093

■ 6.2301, 0.2647,
0.2840

■ 99.9633, 0.2933,
0.3110

■ 2.9855, 0.2521,
0.2719

■ 128.1124, 0.2949,
0.3124

■ 1.1242, 0.2306,
0.2511

■ 161.1042, 0.2962,
0.3137

■ 0.0000, 0.0000,
0.0000

199.3233, 0.2973,

0.3147

243.1540, 0.2983,
0.3156

■ 28.1076, 0.2833,
0.3016

■ 28.1076, 0.2833,
0.3016

■ 24.2504, 0.2670,
0.2849

■ 32.3874, 0.2991,
0.3167

■ 20.7978, 0.2506,
0.2667

■ 37.0998, 0.3141,
0.3302

■ 17.7358, 0.2343,
0.2472

■ 42.2590, 0.3283,
0.3423

■ 15.0478, 0.2188,
0.2268

■ 47.8773, 0.3416,
0.3529

■ 12.7160, 0.2046,
0.2058

■ 53.9665, 0.3540,
0.3622

■ 10.7207, 0.1921,
0.1848

■ 60.5381, 0.3654,
0.3704

■ 9.0395, 0.1820,
0.1646

■ 67.6030, 0.3759,
0.3775

■ 7.6330, 0.1741,
0.1457

■ 73.7462, 0.3799,
0.3850

■ 7.5078, 0.1733,
0.1439

■ 78.4848, 0.3767,
0.3935

Harmonies

Analogous

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



28.1076, 0.2788, 0.3113



28.1076, 0.2833, 0.3016



28.1076, 0.2956, 0.2993

Triad

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



28.1076, 0.2833, 0.3016



28.1076, 0.3433, 0.3305



28.1076, 0.3119, 0.3554

Complementary

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



28.1076, 0.2833, 0.3016



30.9357, 0.3443, 0.3550

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.



28.1076, 0.3294, 0.3603



28.1076, 0.2833, 0.3016



28.1076, 0.3479, 0.3453

Square

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



28.1076, 0.2833, 0.3016



28.1076, 0.3303, 0.3157



28.1076, 0.3427, 0.3564



28.1076, 0.2950, 0.3427

Rectangle

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



28.1076, 0.2833, 0.3016



28.1076, 0.3067, 0.3020



28.1076, 0.3427, 0.3564



28.1076, 0.3179, 0.3580

Sweetspot

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



28.1088, 0.2833, 0.3016



60.3886, 0.3036, 0.3208



33.2535, 0.2965, 0.3522



13.4498, 0.3026, 0.3200



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



28.1088, 0.2833, 0.3016



47.2144, 0.2762, 0.2945



24.1264, 0.2830, 0.2784



7.3630, 0.2987, 0.3164



5.9232, 0.1738, 0.1456



0.2185, 0.1933, 0.2159

Inverse Universe

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



26.3574, 0.3331, 0.3076



43.6315, 0.3389, 0.3024



35.5389, 0.3396, 0.3754



7.1368, 0.3217, 0.3189



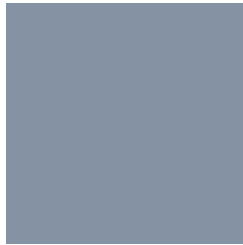
6.4421, 0.5117, 0.2593



0.1449, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 28.1076, 0.2833, 0.3016 looks on a white background.

Color Contrast Check

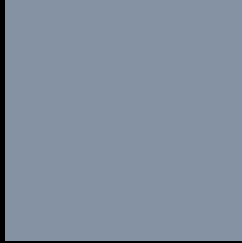
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1076, 0.2833, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

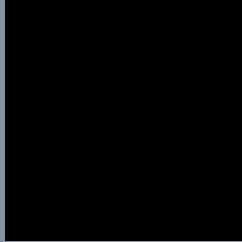
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

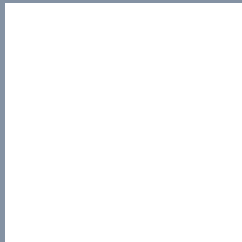
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1076, 0.2833, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 28.1076, 0.2833, 0.3016.



This preview shows how white text looks on a background with the Yxy color 28.1076, 0.2833, 0.3016.

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

28.1076, 0.2833, 0.3016

Protanopia

27.9689, 0.2946, 0.3006

Deuteranopia

28.1196, 0.2988, 0.2936



Tritanopia

28.1614, 0.2868, 0.3110

Trichromacy



Original Color

28.1076, 0.2833, 0.3016

Protanomaly

27.9584, 0.2898, 0.3003

Deuteranomaly

28.1649, 0.2928, 0.2961

Tritanomaly

28.2308, 0.2851, 0.3079

Monochromacy



Original Color

28.1076, 0.2833, 0.3016

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0606, 0.3018, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1076, 0.2833, 0.3016 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(132, 146, 163)` looks like.

```
.text, #text, p{  
    color:rgb(132, 146, 163)  
}
```

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(132, 146, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 146, 163) }
```

Border

The CSS property to change the border of an element to Yxy 28.1076, 0.2833, 0.3016 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(132, 146, 163) }
```

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

```
.border{ border-color:rgb(132, 146, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 146, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 146, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 146, 163);  
box-shadow:4px 4px 4px 4px rgb(132, 146,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1076, 0.2833, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 146, 163) }
```

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

```
.background{ background-color: rgb(132,  
146, 163) }
```

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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