

Converting Colors

$Y_{xy}(28.9296, 0.2918, 0.3068)$

Have a look what the booklet for
Yxy(28.9296, 0.2918, 0.3068)
contains.

Yxy(28.9296, 0.2918, 0.3068)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.9296, 0.2918, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	8B93A1
RGB	139, 147, 161
RGB Percent	55%, 58%, 63%
CMY	0.4549, 0.4235, 0.3686
CMYK	0.14, 0.09, 0.00, 0.37
HSL	218°, 10%, 59%
HSV	218°, 14%, 63%
XYZ	27.5152, 28.9296, 37.8499
YIQ	146.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

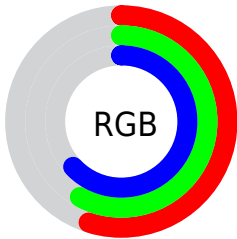
Format	Color
RYB	139, 145, 161
Decimal	9147297
CIELab	60.72, 0.07, -8.35
CIELCh	61, 8.351, 270.508
Yxy	28.9296, 0.2918, 0.3068
Android (android.graphics.Color)	4287337377 (0xFF8B93A1)
YUV	146.2040, 7.2944, -6.3179
Hunter-Lab	53.7862, -2.8115, -4.0725

Details

The Yxy color **28.9296, 0.2918, 0.3068** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2261, 0.3342, 0.3503**, and the grayscale version is **28.8061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0686, 0.2962, 0.3112**, and **11.7774, 0.2854, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **24.5984, 0.2754, 0.2883**, and if you desaturate by 10%, it is **33.7514, 0.3073, 0.3234**.

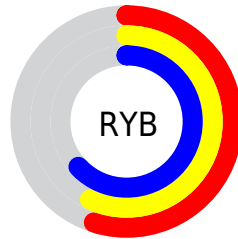
Distribution



Red (55%)

Green (58%)

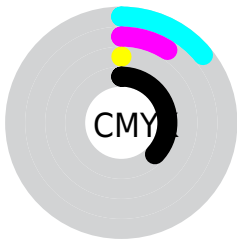
Blue (63%)



Red (55%)

Yellow (57%)

Blue (63%)

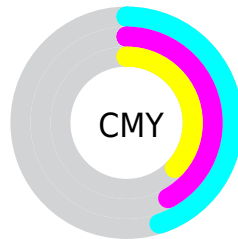


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (37%)



Cyan (45%)

Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9296, 0.2918, 0.3068 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 28.9296, 0.2918, 0.3068 by changing the saturation by 10% instead.

■ 28.9296, 0.2918,
0.3068

■ 28.9296, 0.2918,
0.3068

■ 296.8827, 0.3031,
0.3187

■ 19.0276, 0.2887,
0.3035

■ 57.9652, 0.2961,
0.3114

■ 11.6902, 0.2845,
0.2991

■ 77.8676, 0.2976,
0.3130

■ 6.5331, 0.2786,
0.2928

■ 101.8722, 0.2989,
0.3144

■ 3.1719, 0.2696,
0.2832

■ 130.3634, 0.3000,
0.3155

■ 1.2221, 0.2541,
0.2669

■ 163.7257, 0.3009,
0.3165

■ 0.0796, 0.0936,
0.0962

■ 202.3434, 0.3017,

■ 0.0000, 0.0000,

0.3174

0.0000

246.6009, 0.3024,
0.3181

■ 28.9296, 0.2918,
0.3068

■ 28.9296, 0.2918,
0.3068

■ 24.5984, 0.2754,
0.2883

■ 33.7514, 0.3073,
0.3234

■ 20.7378, 0.2584,
0.2679

■ 39.0755, 0.3218,
0.3381

■ 17.3319, 0.2411,
0.2459

■ 44.9180, 0.3352,
0.3511

■ 14.3623, 0.2240,
0.2225

■ 51.2928, 0.3475,
0.3626

■ 11.8092, 0.2078,
0.1984

■ 58.2136, 0.3587,
0.3725

■ 9.6510, 0.1932,
0.1743

■ 65.6934, 0.3689,
0.3812

■ 7.8638, 0.1808,
0.1512

■ 73.7447, 0.3783,
0.3888

■ 6.4204, 0.1711,
0.1300

■ 79.8688, 0.3771,
0.3979

■ 5.6503, 0.1660,
0.1177

■ 85.7091, 0.3736,
0.4073

Harmonies

Analogous

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



28.9296, 0.2866, 0.3131



28.9296, 0.2918, 0.3068



28.9296, 0.3026, 0.3064

Triad

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



28.9296, 0.2918, 0.3068



28.9296, 0.3378, 0.3332



28.9296, 0.3088, 0.3473

Complementary

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



28.9296, 0.2918, 0.3068



32.2261, 0.3342, 0.3503

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.



28.9296, 0.3225, 0.3527



28.9296, 0.2918, 0.3068



28.9296, 0.3395, 0.3442

Square

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



28.9296, 0.2918, 0.3068



28.9296, 0.3292, 0.3214



28.9296, 0.3338, 0.3515



28.9296, 0.2963, 0.3366

Rectangle

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



28.9296, 0.2918, 0.3068



28.9296, 0.3116, 0.3094



28.9296, 0.3338, 0.3515



28.9296, 0.3134, 0.3498

Sweetspot

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



28.9308, 0.2918, 0.3068



60.0684, 0.3067, 0.3227



33.2763, 0.2991, 0.3416



13.0321, 0.3056, 0.3216



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.



28.9308, 0.2918, 0.3068



49.6787, 0.2875, 0.3021



26.7876, 0.2944, 0.2941



7.2617, 0.2987, 0.3143



4.5848, 0.1665, 0.1192



0.1840, 0.1869, 0.1928

Inverse Universe

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



28.1520, 0.3286, 0.3169



48.1034, 0.3322, 0.3144



34.6286, 0.3297, 0.3622



7.1265, 0.3231, 0.3209



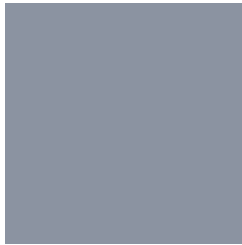
6.3070, 0.5478, 0.2791



0.1414, 0.4535, 0.2272

Previews

White Background



This preview shows how the Yxy color 28.9296, 0.2918, 0.3068 looks on a white background.

Color Contrast Check

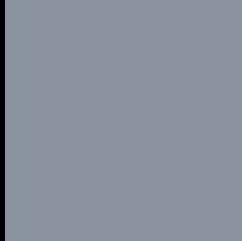
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9296, 0.2918, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

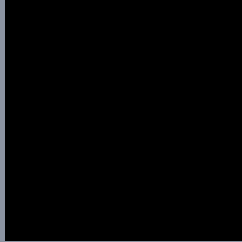
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

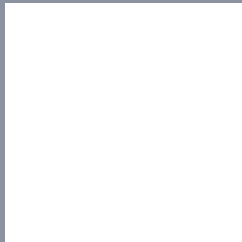
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.9296, 0.2918, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 28.9296, 0.2918, 0.3068.



This preview shows how white text looks on a background with the Yxy color 28.9296, 0.2918, 0.3068.

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

28.9296, 0.2918, 0.3068

Protanopia

28.8086, 0.2985, 0.3055

Deuteranopia

28.7269, 0.3048, 0.2985



Tritanopia

28.8596, 0.2936, 0.3099

Trichromacy



Original Color

28.9296, 0.2918, 0.3068

Protanomaly

28.9355, 0.2965, 0.3070

Deuteranomaly

28.8511, 0.2997, 0.3012

Tritanomaly

28.8945, 0.2927, 0.3083

Monochromacy



Original Color

28.9296, 0.2918, 0.3068

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6318, 0.3049, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9296, 0.2918, 0.3068 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(139, 147, 161)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 161)  
}
```

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(139, 147, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 161) }
```

Border

The CSS property to change the border of an element to Yxy 28.9296, 0.2918, 0.3068 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(139, 147, 161) }
```

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

```
.border{ border-color:rgb(139, 147, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 147, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 161);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9296, 0.2918, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 147, 161) }
```

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

```
.background{ background-color: rgb(139,  
147, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor