

Converting Colors

$Y_{xy}(32.9645, 0.2882, 0.3084)$

Have a look what the booklet for
Yxy(32.9645, 0.2882, 0.3084)
contains.

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Color

Yxy(32.8939, 0.2876, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	8F9DAB
RGB	143, 157, 171
RGB Percent	56%, 62%, 67%
CMY	0.4389, 0.3844, 0.3294
CMYK	0.16, 0.08, 0.00, 0.33
HSL	210°, 14%, 62%
HSV	210°, 16%, 67%
XYZ	30.7452, 32.8939, 43.2634
YIQ	154.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

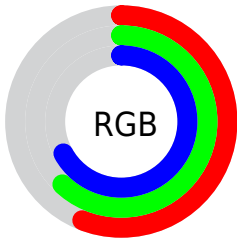
Format	Color
R_{YB}	143, 152, 171
Decimal	9412011
CIE _{Lab}	64.07, -1.92, -8.97
CIE _{LCh}	64, 9.177, 257.908
Yxy	32.8939, 0.2876, 0.3077
Android (android.graphics.Color)	4287602091 (0xFF8F9DAB)
YUV	154.4100, 8.1789, -10.0066
Hunter-Lab	57.3532, -4.6801, -4.5772

Details

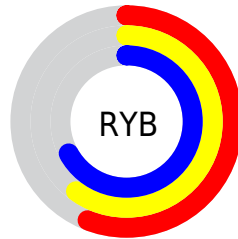
The Yxy color **32.8939, 0.2876, 0.3077** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7927, 0.3398, 0.3494**, and the grayscale version is **32.4776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4483, 0.2928, 0.3129**, and **13.9153, 0.2787, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **28.6789, 0.2716, 0.2928**, and if you desaturate by 10%, it is **37.5486, 0.3032, 0.3212**.

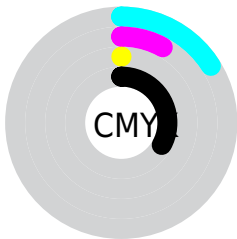
Distribution



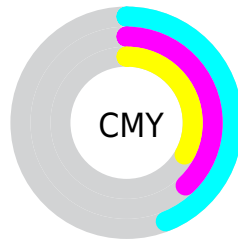
- Red (56%)
- Green (62%)
- Blue (67%)



- Red (56%)
- Yellow (60%)
- Blue (67%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (44%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.8939, 0.2876, 0.3077 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 32.8939, 0.2876, 0.3077 by changing the saturation by 10% instead.

■ 32.8939, 0.2876,
0.3077

■ 32.8939, 0.2876,
0.3077

315.1714, 0.3008,
0.3190

■ 22.0452, 0.2841,
0.3047

■ 64.2098, 0.2926,
0.3120

■ 13.8901, 0.2794,
0.3006

■ 85.4459, 0.2944,
0.3135

■ 8.0443, 0.2729,
0.2950

110.9131, 0.2959,
0.3148

■ 4.1233, 0.2634,
0.2866

140.9959, 0.2972,
0.3159

■ 1.7428, 0.2479,
0.2727

176.0788, 0.2983,
0.3168

■ 0.4511, 0.1948,
0.2302

216.5461, 0.2992,

■ 0.0000, 0.0000,

0.3177

0.0000

262.7821, 0.3001,
0.3184

■ 32.8939, 0.2876,
0.3077

■ 32.8939, 0.2876,
0.3077

■ 28.6789, 0.2716,
0.2928

■ 37.5486, 0.3032,
0.3212

■ 24.8847, 0.2555,
0.2765

■ 42.6527, 0.3181,
0.3333

■ 21.4973, 0.2396,
0.2589

■ 48.2207, 0.3323,
0.3440

■ 18.4997, 0.2243,
0.2404

■ 54.2654, 0.3456,
0.3534

■ 15.8738, 0.2103,
0.2212

■ 60.7987, 0.3580,
0.3618

■ 13.5997, 0.1980,
0.2018

■ 67.8323, 0.3695,
0.3690

■ 11.6545, 0.1878,
0.1827

■ 73.8719, 0.3742,
0.3765

■ 10.0090, 0.1799,
0.1645

■ 78.4165, 0.3714,
0.3848

■ 9.4617, 0.1772,
0.1580

■ 83.1949, 0.3688,
0.3929

Harmonies

Analogous

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



32.8939, 0.2851, 0.3166



32.8939, 0.2876, 0.3077



32.8939, 0.2967, 0.3046

Triad

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



32.8939, 0.2876, 0.3077



32.8939, 0.3361, 0.3281



32.8939, 0.3147, 0.3515

Complementary

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



32.8939, 0.2876, 0.3077



34.7927, 0.3398, 0.3494

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.



32.8939, 0.3286, 0.3543



32.8939, 0.2876, 0.3077



32.8939, 0.3411, 0.3404

Square

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



32.8939, 0.2876, 0.3077



32.8939, 0.3247, 0.3163



32.8939, 0.3383, 0.3501



32.8939, 0.3005, 0.3422

Rectangle

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



32.8939, 0.2876, 0.3077



32.8939, 0.3054, 0.3061



32.8939, 0.3383, 0.3501



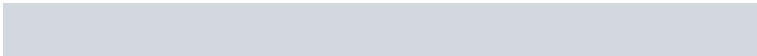
32.8939, 0.3196, 0.3532

Sweetspot

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



32.8953, 0.2876, 0.3077



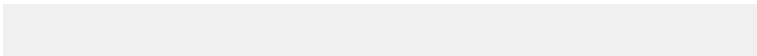
68.3347, 0.3051, 0.3228



37.4129, 0.2994, 0.3501



15.1049, 0.3040, 0.3219



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.8953, 0.2876, 0.3077



55.7804, 0.2812, 0.3019



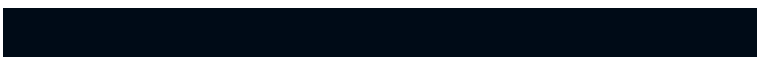
28.4526, 0.2867, 0.2860



8.3912, 0.2986, 0.3173



7.2368, 0.1777, 0.1597



0.3109, 0.1932, 0.2155

Inverse Universe

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



30.7592, 0.3285, 0.3089



51.2903, 0.3332, 0.3037



39.7761, 0.3367, 0.3687



8.0794, 0.3211, 0.3178



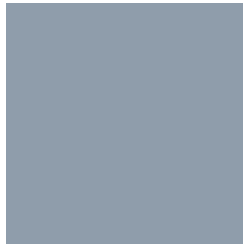
7.0336, 0.4934, 0.2492



0.2067, 0.4281, 0.2132

Previews

White Background



This preview shows how the Yxy color 32.8939, 0.2876, 0.3077 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.8939, 0.2876, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

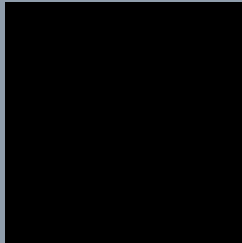
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

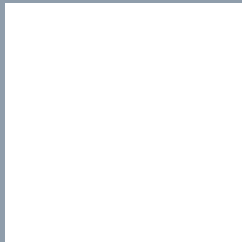
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.8939, 0.2876, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 32.8939, 0.2876, 0.3077.

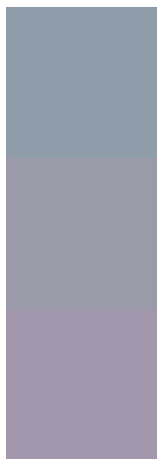


This preview shows how white text looks on a background with the Yxy color 32.8939, 0.2876, 0.3077.

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

32.8939, 0.2876, 0.3077

Protanopia

32.8458, 0.2993, 0.3068

Deuteranopia

32.7932, 0.3043, 0.2986



Tritanopia

32.8559, 0.2884, 0.3092

Trichromacy



Original Color

32.8939, 0.2876, 0.3077

Protanomaly

32.8290, 0.2947, 0.3066

Deuteranomaly

32.7296, 0.2976, 0.3010

Tritanomaly

32.8559, 0.2884, 0.3092

Monochromacy



Original Color

32.8939, 0.2876, 0.3077

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.4648, 0.3034, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8939, 0.2876, 0.3077 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(143, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 171)  
}
```

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(143, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 171) }
```

Border

The CSS property to change the border of an element to Yxy 32.8939, 0.2876, 0.3077 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(143, 157, 171) }
```

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

```
.border{ border-color:rgb(143, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 157, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 157, 171); box-shadow:4px 4px 4px 4px rgb(143, 157, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8939, 0.2876, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 171) }
```

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

```
.background{ background-color: rgb(143,  
157, 171) }
```

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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