

Converting Colors

$Y_{xy}(31.9433, 0.2850, 0.2992)$

Have a look what the booklet for
Yxy(31.9433, 0.2850, 0.2992)
contains.

Yxy(32.0068, 0.2849, 0.2987)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.0068, 0.2849, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	8F9AAE
RGB	143, 154, 174
RGB Percent	56%, 60%, 68%
CMY	0.4391, 0.3961, 0.3176
CMYK	0.18, 0.12, 0.00, 0.32
HSL	219°, 16%, 62%
HSV	219°, 18%, 68%
XYZ	30.5281, 32.0068, 44.6188
YIQ	152.9910, -12.9760, 3.8880

Conversions

Conversions Part 2

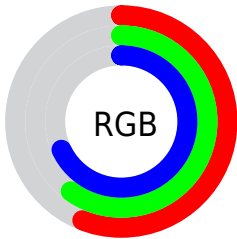
Format	Color
RYB	143, 151, 174
Decimal	9411246
CIELab	63.35, 0.40, -11.75
CIElCh	63, 11.752, 271.945
Yxy	32.0068, 0.2849, 0.2987
Android (android.graphics.Color)	4287601326 (0xFF8F9AAE)
YUV	152.9910, 10.3574, -8.7621
Hunter-Lab	56.5746, -2.6854, -7.1582

Details

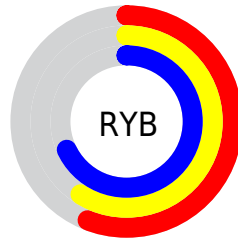
The Yxy color **32.0068, 0.2849, 0.2987** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1966, 0.3415, 0.3576**, and the grayscale version is **31.8123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6392, 0.2907, 0.3049**, and **13.3809, 0.2749, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **27.0338, 0.2680, 0.2790**, and if you desaturate by 10%, it is **37.5710, 0.3009, 0.3165**.

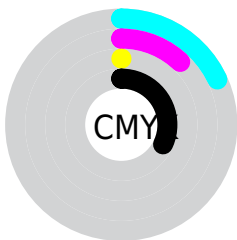
Distribution



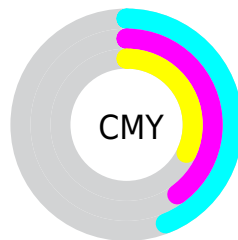
- Red (56%)
- Green (60%)
- Blue (68%)



- Red (56%)
- Yellow (59%)
- Blue (68%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)



- Cyan (44%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0068, 0.2849, 0.2987 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 32.0068, 0.2849, 0.2987 by changing the saturation by 10% instead.

■ 32.0068, 0.2849,
0.2987

■ 32.0068, 0.2849,
0.2987

■ 311.1502, 0.2996,
0.3147

■ 21.3667, 0.2810,
0.2944

■ 62.8217, 0.2904,
0.3047

■ 13.3923, 0.2757,
0.2887

■ 83.7654, 0.2925,
0.3069

■ 7.6992, 0.2684,
0.2808

■ 108.9123, 0.2941,
0.3088

■ 3.9031, 0.2576,
0.2692

■ 138.6469, 0.2956,
0.3103

■ 1.6195, 0.2401,
0.2502

■ 173.3536, 0.2968,
0.3116

■ 0.3707, 0.1827,
0.1871

■ 213.4168, 0.2979,

■ 0.0000, 0.0000,

0.3128

0.0000

259.2209, 0.2988,
0.3138

■ 32.0068, 0.2849,
0.2987

■ 32.0068, 0.2849,
0.2987

■ 27.0338, 0.2680,
0.2790

■ 37.5710, 0.3009,
0.3165

■ 22.6276, 0.2507,
0.2574

■ 43.7421, 0.3159,
0.3323

■ 18.7676, 0.2332,
0.2342

■ 50.5398, 0.3298,
0.3463

■ 15.4304, 0.2162,
0.2099

■ 57.9820, 0.3426,
0.3586

■ 12.5907, 0.2004,
0.1852

■ 66.0855, 0.3542,
0.3693

■ 10.2206, 0.1865,
0.1611

■ 74.8667, 0.3649,
0.3787

■ 8.2890, 0.1752,
0.1384

■ 82.4269, 0.3673,
0.3884

■ 6.7523, 0.1667,
0.1182

■ 88.9869, 0.3640,
0.3988

■ 6.4549, 0.1650,
0.1140

■ 95.8364, 0.3608,
0.4086

Harmonies

Analogous

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



32.0068, 0.2776, 0.3067



32.0068, 0.2849, 0.2987



32.0068, 0.2997, 0.2987

Triad

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



32.0068, 0.2849, 0.2987



32.0068, 0.3473, 0.3352



32.0068, 0.3064, 0.3535

Complementary

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



32.0068, 0.2849, 0.2987



37.1966, 0.3415, 0.3576

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.



32.0068, 0.3251, 0.3614



32.0068, 0.2849, 0.2987



32.0068, 0.3491, 0.3500

Square

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



32.0068, 0.2849, 0.2987



32.0068, 0.3359, 0.3194



32.0068, 0.3408, 0.3599



32.0068, 0.2897, 0.3385

Rectangle

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



32.0068, 0.2849, 0.2987



32.0068, 0.3120, 0.3030



32.0068, 0.3408, 0.3599



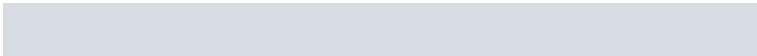
32.0068, 0.3126, 0.3571

Sweetspot

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



32.0081, 0.2849, 0.2987



71.0675, 0.3051, 0.3210



38.7511, 0.2950, 0.3459



15.6287, 0.3040, 0.3198



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



32.0081, 0.2849, 0.2987



54.7106, 0.2790, 0.2919



28.9294, 0.2880, 0.2821



8.2036, 0.2986, 0.3139



4.7839, 0.1656, 0.1161



0.2379, 0.1834, 0.1801

Inverse Universe

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



30.9877, 0.3348, 0.3133



52.6720, 0.3403, 0.3100



40.7936, 0.3351, 0.3729



8.0604, 0.3233, 0.3210



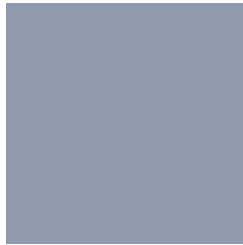
6.7860, 0.5522, 0.2816



0.1994, 0.4685, 0.2354

Previews

White Background



This preview shows how the Yxy color 32.0068, 0.2849, 0.2987 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 32.0068, 0.2849, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

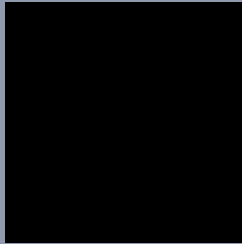
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

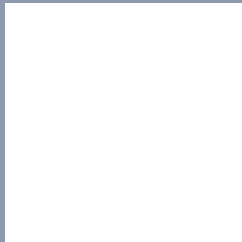
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0068, 0.2849, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 32.0068, 0.2849, 0.2987.



This preview shows how white text looks on a background with the Yxy color 32.0068, 0.2849, 0.2987.

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

32.0068, 0.2849, 0.2987

Protanopia

31.9576, 0.2920, 0.2977

Deuteranopia

31.8591, 0.2978, 0.2911



Tritanopia

31.9835, 0.2898, 0.3105

Trichromacy



Original Color

32.0068, 0.2849, 0.2987

Protanomaly

32.0026, 0.2893, 0.2990

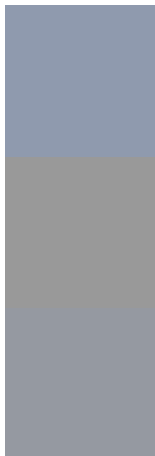
Deuteranomaly

32.0007, 0.2931, 0.2936

Tritanomaly

32.0958, 0.2873, 0.3061

Monochromacy



Original Color

32.0068, 0.2849, 0.2987

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.7452, 0.3015, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0068, 0.2849, 0.2987 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, 154, 174)` looks like.

```
.text, #text, p{  
    color:rgb(143, 154, 174)  
}
```

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, 154, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 154, 174) }
```

Border

The CSS property to change the border of an element to Yxy 32.0068, 0.2849, 0.2987 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, 154, 174) }
```

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

```
.border{ border-color:rgb(143, 154, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 154, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 154, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 154, 174);  
box-shadow:4px 4px 4px 4px rgb(143, 154,  
174) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.0068, 0.2849, 0.2987$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 154, 174) }
```

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

```
.background{ background-color: rgb(143,  
154, 174) }
```

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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