

Converting Colors

$Y_{xy}(31.9267, 0.2868, 0.2918)$

Have a look what the booklet for
Yxy(31.9267, 0.2868, 0.2918)
contains.

Yxy(31.9267, 0.2868, 0.2918)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.9267, 0.2868, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	9498B1
RGB	148, 152, 177
RGB Percent	58%, 60%, 69%
CMY	0.4195, 0.4039, 0.3059
CMYK	0.16, 0.14, 0.00, 0.31
HSL	232°, 16%, 64%
HSV	232°, 16%, 69%
XYZ	31.3796, 31.9267, 46.1066
YIQ	153.6540, -10.4090, 6.9270

Conversions

Conversions Part 2

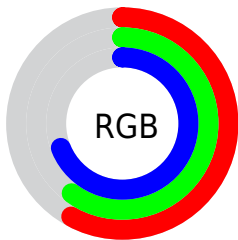
Format	Color
RYB	148, 152, 177
Decimal	9738417
CIELab	63.28, 3.84, -13.49
CIELCh	63, 14.029, 285.883
Yxy	31.9267, 0.2868, 0.2918
Android (android.graphics.Color)	4287928497 (0xFF9498B1)
YUV	153.6540, 11.5096, -4.9586
Hunter-Lab	56.5037, 0.2494, -8.8276

Details

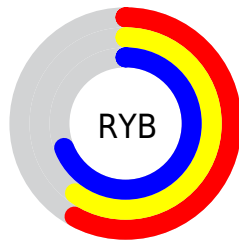
The Yxy color **31.9267, 0.2868, 0.2918** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3848, 0.3377, 0.3637**, and the grayscale version is **32.1094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5824, 0.2916, 0.2985**, and **13.3040, 0.2786, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **25.7592, 0.2689, 0.2654**, and if you desaturate by 10%, it is **38.9875, 0.3031, 0.3154**.

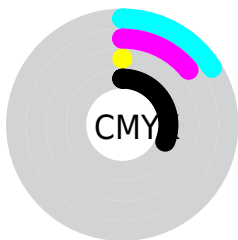
Distribution



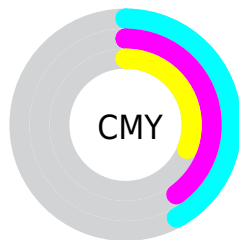
- Red (58%)
- Green (60%)
- Blue (69%)



- Red (58%)
- Yellow (60%)
- Blue (69%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (42%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.9267, 0.2868, 0.2918 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 31.9267, 0.2868, 0.2918 by changing the saturation by 10% instead.

■ 31.9267, 0.2868,
0.2918

■ 31.9267, 0.2868,
0.2918

■ 310.7852, 0.3006,
0.3113

■ 21.3055, 0.2831,
0.2866

■ 62.6962, 0.2920,
0.2991

■ 13.3475, 0.2782,
0.2798

■ 83.6132, 0.2939,
0.3018

■ 7.6683, 0.2713,
0.2705

■ 108.7310, 0.2955,
0.3040

■ 3.8834, 0.2610,
0.2568

■ 138.4340, 0.2968,
0.3059

■ 1.6086, 0.2443,
0.2350

■ 173.1065, 0.2979,
0.3075

■ 0.3634, 0.2003,
0.1658

■ 213.1330, 0.2989,

■ 0.0000, 0.0000,

0.3089

0.0000

258.8977, 0.2998,
0.3102

■ 31.9267, 0.2868,
0.2918

■ 31.9267, 0.2868,
0.2918

■ 25.7592, 0.2689,
0.2654

■ 38.9875, 0.3031,
0.3154

■ 20.4456, 0.2498,
0.2365

■ 46.9713, 0.3179,
0.3362

■ 15.9489, 0.2299,
0.2058

■ 55.9112, 0.3309,
0.3544

■ 12.2285, 0.2102,
0.1743

■ 65.8376, 0.3425,
0.3702

■ 9.2397, 0.1918,
0.1437

■ 76.7794, 0.3527,
0.3839

■ 6.9334, 0.1758,
0.1159

■ 88.7644, 0.3616,
0.3957

■ 5.2544, 0.1635,
0.0928

■ 95.9546, 0.3591,
0.4057

■ 4.1357, 0.1554,
0.0758

■ 3.8400, 0.1531,
0.0711

Harmonies

Analogous

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



31.9267, 0.2737, 0.2968



31.9267, 0.2868, 0.2918



31.9267, 0.3071, 0.2962

Triad

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



31.9267, 0.2868, 0.2918



31.9267, 0.3567, 0.3449



31.9267, 0.2952, 0.3508

Complementary

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



31.9267, 0.2868, 0.2918



41.3848, 0.3377, 0.3637

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.



31.9267, 0.3170, 0.3649



31.9267, 0.2868, 0.2918



31.9267, 0.3530, 0.3604

Square

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



31.9267, 0.2868, 0.2918



31.9267, 0.3481, 0.3260



31.9267, 0.3383, 0.3682



31.9267, 0.2784, 0.3305

Rectangle

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



31.9267, 0.2868, 0.2918



31.9267, 0.3223, 0.3037



31.9267, 0.3383, 0.3682



31.9267, 0.3022, 0.3565

Sweetspot

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



31.9280, 0.2868, 0.2918



71.5710, 0.3051, 0.3183



40.7486, 0.2916, 0.3352



15.3085, 0.3041, 0.3168



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.



31.9280, 0.2868, 0.2918



52.6094, 0.2799, 0.2817



31.6464, 0.2961, 0.2869



8.4120, 0.2985, 0.3087



2.8361, 0.1534, 0.0723



0.1483, 0.1643, 0.1113

Inverse Universe

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



32.8007, 0.3391, 0.3234



54.5687, 0.3470, 0.3220



41.7861, 0.3275, 0.3701



8.5236, 0.3266, 0.3259



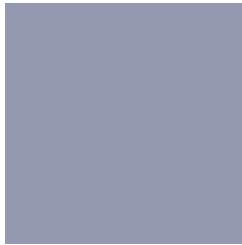
6.8264, 0.6194, 0.3186



0.2208, 0.5591, 0.2854

Previews

White Background



This preview shows how the Yxy color 31.9267, 0.2868, 0.2918 looks on a white background.

Color Contrast Check

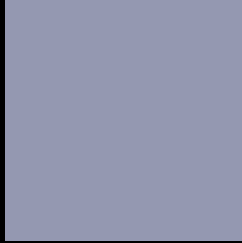
Large Text (above 18pt) WCAG AA × Fail

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 31.9267, 0.2868, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

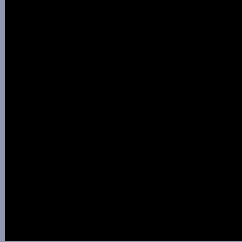
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9267, 0.2868, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 31.9267, 0.2868, 0.2918.



This preview shows how white text looks on a background with the Yxy color 31.9267, 0.2868, 0.2918.

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

31.9267, 0.2868, 0.2918

Protanopia

32.0204, 0.2877, 0.2919

Deuteranopia

31.7772, 0.2932, 0.2868



Tritanopia

31.9754, 0.2943, 0.3107

Trichromacy



Original Color

31.9267, 0.2868, 0.2918

Protanomaly

32.0204, 0.2877, 0.2919

Deuteranomaly

31.7993, 0.2905, 0.2879

Tritanomaly

31.8878, 0.2918, 0.3033

Monochromacy



Original Color

31.9267, 0.2868, 0.2918

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.0665, 0.3035, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9267, 0.2868, 0.2918 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(148, 152, 177)` looks like.

```
.text, #text, p{  
    color:rgb(148, 152, 177)  
}
```

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(148, 152, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 152, 177) }
```

Border

The CSS property to change the border of an element to Yxy 31.9267, 0.2868, 0.2918 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(148, 152, 177) }
```

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

```
.border{ border-color:rgb(148, 152, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 152, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 152, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 152, 177);  
box-shadow:4px 4px 4px 4px rgb(148, 152,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9267, 0.2868, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 152, 177) }
```

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

```
.background{ background-color: rgb(148,  
152, 177) }
```

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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