

Converting Colors

$Yxy(41.9111, 0.2898, 0.3098)$

Have a look what the booklet for
Yxy(41.9111, 0.2898, 0.3098)
contains.

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Color

Yxy(41.9111, 0.2898, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	A1AFBD
RGB	161, 175, 189
RGB Percent	63%, 69%, 74%
CMY	0.3688, 0.3137, 0.2588
CMYK	0.15, 0.07, 0.00, 0.26
HSL	210°, 18%, 69%
HSV	210°, 15%, 74%
XYZ	39.2054, 41.9111, 54.1679
YIQ	172.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

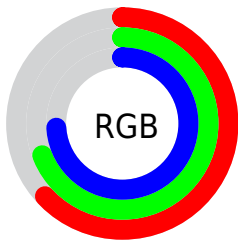
Format	Color
R _Y B	161, 170, 189
Decimal	10596285
CIE Lab	70.81, -1.98, -8.80
CIE LCh	71, 9.023, 257.307
Yxy	41.9111, 0.2898, 0.3098
Android (android.graphics.Color)	4288786365 (0xFFA1AFBD)
YUV	172.4100, 8.1789, -10.0066
Hunter-Lab	64.7388, -5.1944, -4.2916

Details

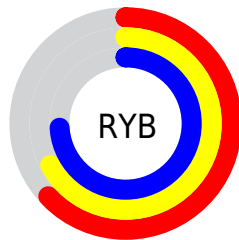
The Yxy color **41.9111, 0.2898, 0.3098** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0246, 0.3373, 0.3475**, and the grayscale version is **41.4330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7851, 0.2942, 0.3131**, and **19.1947, 0.2827, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **36.5551, 0.2737, 0.2951**, and if you desaturate by 10%, it is **47.8233, 0.3054, 0.3231**.

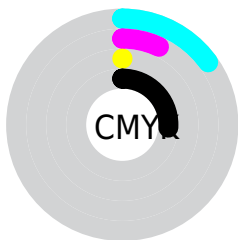
Distribution



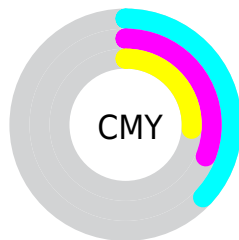
- Red (63%)
- Green (69%)
- Blue (74%)



- Red (63%)
- Yellow (67%)
- Blue (74%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)





- Cyan (37%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9111, 0.2898, 0.3098 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 41.9111, 0.2898, 0.3098 by changing the saturation by 10% instead.


 41.9111, 0.2898,
0.3098


 41.9111, 0.2898,
0.3098

354.1143, 0.3014,
0.3196

 29.0317, 0.2869,
0.3073


 78.0651, 0.2940,
0.3134

 19.1048, 0.2831,
0.3040


 102.1084, 0.2956,
0.3147

 11.7460, 0.2780,
0.2997


130.6418, 0.2970,
0.3159

 6.5710, 0.2707,
0.2934

164.0498, 0.2981,
0.3168

 3.1953, 0.2598,
0.2839

202.7166, 0.2991,
0.3177

 1.2345, 0.2413,
0.2674

247.0267, 0.3000,

 0.0896, 0.0438,

0.3184

0.1068

297.3644, 0.3007,
0.3190

0.0000, 0.0000,
0.0000

41.9111, 0.2898,
0.3098

41.9111, 0.2898,
0.3098

36.5551, 0.2737,
0.2951

47.8233, 0.3054,
0.3231

31.7316, 0.2575,
0.2790

54.3039, 0.3203,
0.3349

27.4227, 0.2415,
0.2616

61.3713, 0.3345,
0.3455

23.6074, 0.2261,
0.2431

69.0414, 0.3477,
0.3547

20.2627, 0.2119,
0.2240

77.2439, 0.3598,
0.3629

■ 17.3636, 0.1993,
0.2045

■ 82.3934, 0.3575,
0.3721

■ 14.8816, 0.1889,
0.1854

■ 87.8270, 0.3552,
0.3811

■ 12.7833, 0.1808,
0.1671

■ 93.5491, 0.3530,
0.3898

■ 11.8199, 0.1772,
0.1580

■ 96.4542, 0.3520,
0.3939

Harmonies

Analogous

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



41.9111, 0.2877, 0.3180



41.9111, 0.2898, 0.3098



41.9111, 0.2980, 0.3068

Triad

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



41.9111, 0.2898, 0.3098



41.9111, 0.3338, 0.3280



41.9111, 0.3148, 0.3495

Complementary

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



41.9111, 0.2898, 0.3098



44.0246, 0.3373, 0.3475

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.



41.9111, 0.3273, 0.3519



41.9111, 0.2898, 0.3098



41.9111, 0.3385, 0.3392

Square

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



41.9111, 0.2898, 0.3098



41.9111, 0.3233, 0.3173



41.9111, 0.3361, 0.3480



41.9111, 0.3019, 0.3412

Rectangle

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



41.9111, 0.2898, 0.3098



41.9111, 0.3059, 0.3081



41.9111, 0.3361, 0.3480



41.9111, 0.3192, 0.3510

Sweetspot

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



41.9128, 0.2898, 0.3098



86.5162, 0.3066, 0.3241



47.0437, 0.3009, 0.3488



18.4242, 0.3054, 0.3231



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.9128, 0.2898, 0.3098



71.6481, 0.2843, 0.3049



36.8817, 0.2891, 0.2906



9.9946, 0.2984, 0.3173



8.1056, 0.1779, 0.1602



0.4483, 0.1900, 0.2038

Inverse Universe

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



39.3869, 0.3269, 0.3105



66.3456, 0.3308, 0.3061



49.5857, 0.3347, 0.3647



9.6140, 0.3212, 0.3175



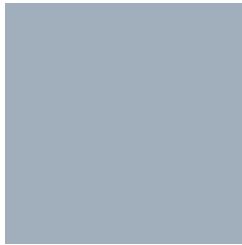
7.8480, 0.4928, 0.2488



0.3206, 0.4410, 0.2203

Previews

White Background



This preview shows how the Yxy color 41.9111, 0.2898, 0.3098 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 41.9111, 0.2898, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

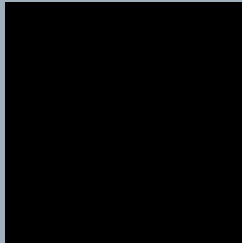
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

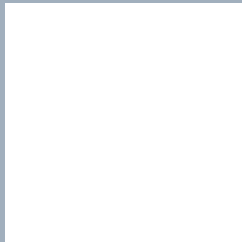
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9111, 0.2898, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 41.9111, 0.2898, 0.3098.

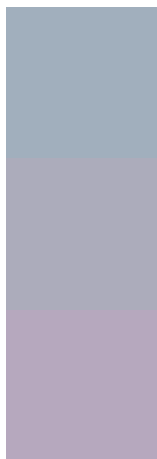


This preview shows how white text looks on a background with the Yxy color 41.9111, 0.2898, 0.3098.

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

41.9111, 0.2898, 0.3098

Protanopia

41.8636, 0.3005, 0.3089

Deuteranopia

41.6681, 0.3069, 0.3003



Tritanopia

41.9111, 0.2898, 0.3098

Trichromacy



Original Color

41.9111, 0.2898, 0.3098

Protanomaly

41.8428, 0.2963, 0.3087

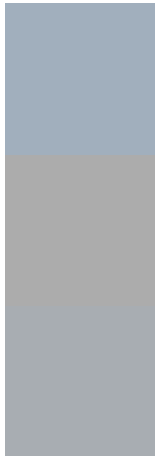
Deuteranomaly

41.8422, 0.2999, 0.3037

Tritanomaly

41.9111, 0.2898, 0.3098

Monochromacy



Original Color

41.9111, 0.2898, 0.3098

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4263, 0.3042, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9111, 0.2898, 0.3098 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(161, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 189)  
}
```

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(161, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.9111, 0.2898, 0.3098 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(161, 175, 189) }
```

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

```
.border{ border-color:rgb(161, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9111, 0.2898, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 175, 189) }
```

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

```
.background{ background-color: rgb(161,  
175, 189) }
```

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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