

Converting Colors

$Yxy(41.7747, 0.3027, 0.3158)$

Have a look what the booklet for
Yxy(41.7747, 0.3027, 0.3158)
contains.

Yxy(41.8106, 0.3028, 0.3168)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.8106, 0.3028, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	AAADB6
RGB	170, 173, 182
RGB Percent	67%, 68%, 71%
CMY	0.3333, 0.3215, 0.2864
CMYK	0.07, 0.05, 0.00, 0.29
HSL	225°, 8%, 69%
HSV	225°, 7%, 71%
XYZ	39.9629, 41.8106, 50.2044
YIQ	173.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

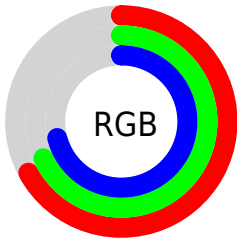
Format	Color
RYB	170, 172, 182
Decimal	11185590
CIELab	70.74, 0.70, -4.96
CIELCh	71, 5.007, 278.020
Yxy	41.8106, 0.3028, 0.3168
Android (android.graphics.Color)	4289375670 (0xFFAAADB6)
YUV	173.1290, 4.3734, -2.7441
Hunter-Lab	64.6611, -2.8375, -0.7714

Details

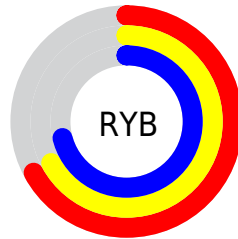
The Yxy color **41.8106, 0.3028, 0.3168** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0732, 0.3226, 0.3409**, and the grayscale version is **41.8380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6674, 0.3044, 0.3185**, and **19.1113, 0.3001, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **34.9574, 0.2866, 0.2963**, and if you desaturate by 10%, it is **49.4817, 0.3176, 0.3350**.

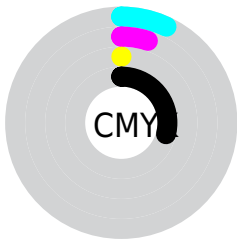
Distribution



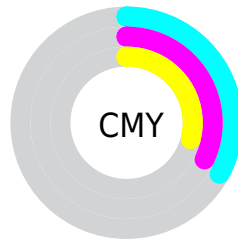
- Red (67%)
- Green (68%)
- Blue (71%)



- Red (67%)
- Yellow (67%)
- Blue (71%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8106, 0.3028, 0.3168 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 41.8106, 0.3028, 0.3168 by changing the saturation by 10% instead.

■ 41.8106, 0.3028,
0.3168

■ 41.8106, 0.3028,
0.3168

■ 353.6972, 0.3079,
0.3230

■ 28.9530, 0.3015,
0.3152

■ 77.9129, 0.3047,
0.3191

■ 19.0453, 0.2998,
0.3132

■ 101.9264, 0.3053,
0.3199

■ 11.7030, 0.2976,
0.3104

■ 130.4273, 0.3059,
0.3206

■ 6.5418, 0.2943,
0.3065

■ 163.8001, 0.3064,
0.3213

■ 3.1772, 0.2894,
0.3005

■ 202.4290, 0.3069,
0.3218

■ 1.2249, 0.2808,
0.2901

■ 246.6986, 0.3072,

■ 0.0819, 0.1549,

0.3222

0.1337

296.9932, 0.3076,
0.3226

0.0000, 0.0000,
0.0000

41.8106, 0.3028,
0.3168

41.8106, 0.3028,
0.3168

34.9574, 0.2866,
0.2963

49.4817, 0.3176,
0.3350

28.8895, 0.2693,
0.2734

57.9915, 0.3311,
0.3509

23.5795, 0.2510,
0.2483

67.3665, 0.3433,
0.3648

18.9969, 0.2323,
0.2215

77.6307, 0.3542,
0.3769

15.1086, 0.2139,
0.1935

87.6527, 0.3597,
0.3883

■ 11.8789, 0.1966,
0.1655

■ 96.0371, 0.3562,
0.4007

■ 9.2689, 0.1814,
0.1388

■ 96.1563, 0.3562,
0.4008

■ 7.2346, 0.1692,
0.1149

■ 5.7230, 0.1606,
0.0950

Harmonies

Analogous

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



41.8106, 0.2992, 0.3195



41.8106, 0.3028, 0.3168



41.8106, 0.3091, 0.3173

Triad

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



41.8106, 0.3028, 0.3168



41.8106, 0.3266, 0.3329



41.8106, 0.3089, 0.3374

Complementary

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



41.8106, 0.3028, 0.3168



45.0732, 0.3226, 0.3409

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.



41.8106, 0.3162, 0.3411



41.8106, 0.3028, 0.3168



41.8106, 0.3265, 0.3384

Square

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



41.8106, 0.3028, 0.3168



41.8106, 0.3229, 0.3265



41.8106, 0.3227, 0.3414



41.8106, 0.3026, 0.3314

Rectangle

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



41.8106, 0.3028, 0.3168



41.8106, 0.3140, 0.3194



41.8106, 0.3227, 0.3414



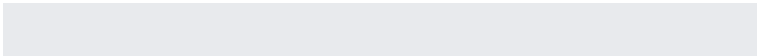
41.8106, 0.3113, 0.3389

Sweetspot

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



41.8124, 0.3028, 0.3168



81.9632, 0.3097, 0.3253



45.2371, 0.3051, 0.3333



18.1354, 0.3099, 0.3255



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.8124, 0.3028, 0.3168



73.7967, 0.3004, 0.3138



40.9890, 0.3053, 0.3128



9.0757, 0.2985, 0.3114



3.8363, 0.1586, 0.0910



0.2368, 0.1731, 0.1430

Inverse Universe

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



41.7106, 0.3211, 0.3250



73.5897, 0.3232, 0.3240



45.9523, 0.3199, 0.3449



9.0482, 0.3249, 0.3233



7.1696, 0.5896, 0.3022



0.2630, 0.5151, 0.2611

Previews

White Background



This preview shows how the Yxy color 41.8106, 0.3028, 0.3168 looks on a white background.

Color Contrast Check

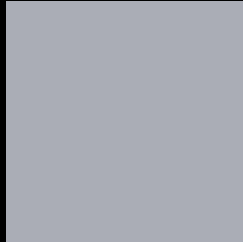
Large Text (above 18pt) WCAG AA × Fail

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 41.8106, 0.3028, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

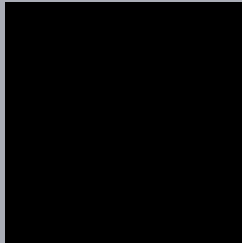
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

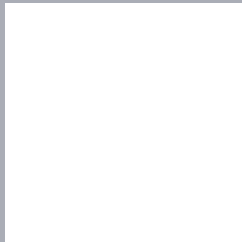
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8106, 0.3028, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 41.8106, 0.3028, 0.3168.



This preview shows how white text looks on a background with the Yxy color 41.8106, 0.3028, 0.3168.

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

41.8106, 0.3028, 0.3168

Protanopia

41.8399, 0.3071, 0.3169

Deuteranopia

41.7384, 0.3155, 0.3094



Tritanopia

41.7081, 0.3005, 0.3101

Trichromacy



Original Color

41.8106, 0.3028, 0.3168

Protanomaly

41.7255, 0.3062, 0.3168

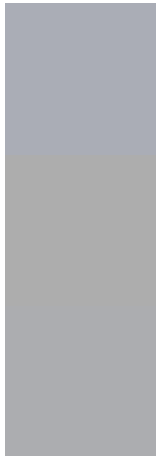
Deuteranomaly

41.8716, 0.3108, 0.3118

Tritanomaly

41.6658, 0.3013, 0.3114

Monochromacy



Original Color

41.8106, 0.3028, 0.3168

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7924, 0.3094, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8106, 0.3028, 0.3168 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(170, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(170, 173, 182)  
}
```

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(170, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 173, 182) }
```

Border

The CSS property to change the border of an element to Yxy 41.8106, 0.3028, 0.3168 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(170, 173, 182) }
```

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

```
.border{ border-color:rgb(170, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 173, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 173, 182); box-shadow:4px 4px 4px 4px rgb(170, 173, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8106, 0.3028, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 173, 182) }
```

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

```
.background{ background-color: rgb(170,  
173, 182) }
```

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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