

Converting Colors

$Y_{xy}(48.2261, 0.2898, 0.3069)$

Have a look what the booklet for
Yxy(48.2261, 0.2898, 0.3069)
contains.

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Color

Yxy(48.3138, 0.2897, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	ADBACB
RGB	173, 186, 203
RGB Percent	68%, 73%, 80%
CMY	0.3215, 0.2706, 0.2039
CMYK	0.15, 0.08, 0.00, 0.20
HSL	214°, 22%, 74%
HSV	214°, 15%, 80%
XYZ	45.5764, 48.3138, 63.4325
YIQ	184.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

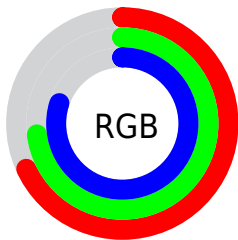
Format	Color
R _Y B	173, 182, 203
Decimal	11385547
CIE Lab	75.02, -0.98, -10.10
CIE LCh	75, 10.150, 264.440
Yxy	48.3138, 0.2897, 0.3071
Android (android.graphics.Color)	4289575627 (0xFFADBACB)
YUV	184.0510, 9.3419, -9.6917
Hunter-Lab	69.5081, -4.5970, -5.4518

Details

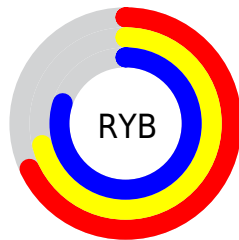
The Yxy color **48.3138, 0.2897, 0.3071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5605, 0.3369, 0.3500**, and the grayscale version is **47.9182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3823, 0.2968, 0.3159**, and **22.9381, 0.2828, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **41.5150, 0.2732, 0.2902**, and if you desaturate by 10%, it is **55.8596, 0.3055, 0.3223**.

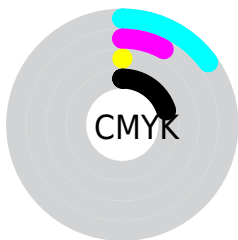
Distribution



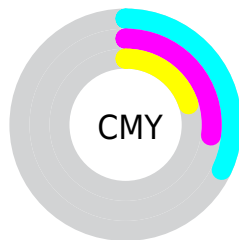
- Red (68%)
- Green (73%)
- Blue (80%)



- Red (68%)
- Yellow (71%)
- Blue (80%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3138, 0.2897, 0.3071 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 48.3138, 0.2897, 0.3071 by changing the saturation by 10% instead.

■ 48.3138, 0.2897,
0.3071

■ 48.3138, 0.2897,
0.3071

380.0346, 0.3011,
0.3180

■ 34.0755, 0.2869,
0.3044

■ 87.6714, 0.2938,
0.3110

■ 22.9516, 0.2833,
0.3010

113.5595, 0.2954,
0.3125

■ 14.5578, 0.2786,
0.2964

144.0996, 0.2967,
0.3138

■ 8.5096, 0.2721,
0.2902

179.6762, 0.2978,
0.3148

■ 4.4227, 0.2626,
0.2809

220.6736, 0.2988,
0.3158

■ 1.9127, 0.2473,
0.2660

267.4762, 0.2996,

■ 0.5560, 0.2088,

0.3166

0.2302

320.4684, 0.3004,
0.3173

0.0000, 0.0000,
0.0000

48.3138, 0.2897,
0.3071

48.3138, 0.2897,
0.3071

41.5150, 0.2732,
0.2902

55.8596, 0.3055,
0.3223

35.4321, 0.2564,
0.2716

64.1699, 0.3204,
0.3359

30.0406, 0.2396,
0.2515

73.2695, 0.3344,
0.3478

25.3120, 0.2232,
0.2302

83.1797, 0.3473,
0.3584

21.2157, 0.2080,
0.2082

90.0275, 0.3457,
0.3694

■ 17.7179, 0.1944,
0.1862

■ 97.0926, 0.3436,
0.3800

■ 14.7807, 0.1832,
0.1648

■ 12.3596, 0.1746,
0.1448

■ 11.2642, 0.1708,
0.1350

Harmonies

Analogous

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



48.3138, 0.2858, 0.3147



48.3138, 0.2897, 0.3071



48.3138, 0.2997, 0.3054

Triad

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



48.3138, 0.2897, 0.3071



48.3138, 0.3372, 0.3308



48.3138, 0.3115, 0.3494

Complementary

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



48.3138, 0.2897, 0.3071



52.5605, 0.3369, 0.3500

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.



48.3138, 0.3254, 0.3536



48.3138, 0.2897, 0.3071



48.3138, 0.3404, 0.3425

Square

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



48.3138, 0.2897, 0.3071



48.3138, 0.3272, 0.3190



48.3138, 0.3361, 0.3509



48.3138, 0.2982, 0.3393

Rectangle

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



48.3138, 0.2897, 0.3071



48.3138, 0.3087, 0.3077



48.3138, 0.3361, 0.3509



48.3138, 0.3163, 0.3515

Sweetspot

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



48.3158, 0.2897, 0.3071



94.4795, 0.3066, 0.3234



55.3245, 0.2992, 0.3456



20.0054, 0.3054, 0.3223



0.0000, 0.0000, 0.0000



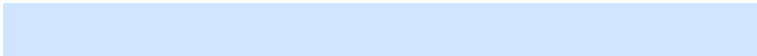
21.4041, 0.3127, 0.3290

Same Dimension

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



48.3158, 0.2897, 0.3071



76.8051, 0.2841, 0.3014



43.3238, 0.2907, 0.2901



11.6290, 0.2983, 0.3155



7.3411, 0.1715, 0.1375



0.5286, 0.1822, 0.1760

Inverse Universe

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



46.1388, 0.3287, 0.3130



72.5648, 0.3331, 0.3091



58.1571, 0.3330, 0.3655



11.2929, 0.3223, 0.3190



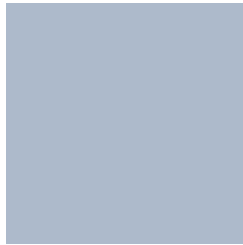
8.5441, 0.5224, 0.2652



0.4559, 0.4734, 0.2382

Previews

White Background



This preview shows how the Yxy color 48.3138, 0.2897, 0.3071 looks on a white background.

Color Contrast Check

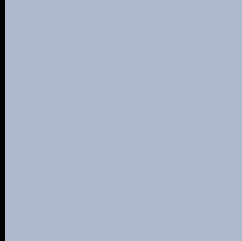
Large Text (above 18pt) WCAG AA × Fail

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 48.3138, 0.2897, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

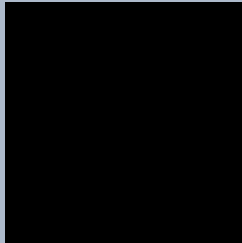
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3138, 0.2897, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 48.3138, 0.2897, 0.3071.

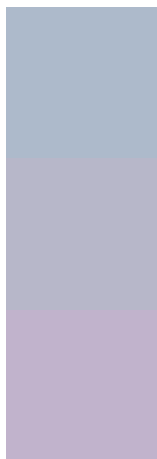


This preview shows how white text looks on a background with the Yxy color 48.3138, 0.2897, 0.3071.

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

48.3138, 0.2897, 0.3071

Protanopia

48.1513, 0.2990, 0.3062

Deuteranopia

47.9373, 0.3049, 0.2982



Tritanopia

48.2191, 0.2911, 0.3096

Trichromacy



Original Color

48.3138, 0.2897, 0.3071

Protanomaly

48.1290, 0.2950, 0.3061

Deuteranomaly

48.2546, 0.2991, 0.3015

Tritanomaly

48.2663, 0.2904, 0.3084

Monochromacy



Original Color

48.3138, 0.2897, 0.3071

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1628, 0.3040, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3138, 0.2897, 0.3071 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(173, 186, 203)` looks like.

```
.text, #text, p{  
    color:rgb(173, 186, 203)  
}
```

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(173, 186, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 186, 203) }
```

Border

The CSS property to change the border of an element to Yxy 48.3138, 0.2897, 0.3071 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(173, 186, 203) }
```

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

```
.border{ border-color:rgb(173, 186, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 186, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 186, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 186, 203);  
box-shadow:4px 4px 4px 4px rgb(173, 186,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3138, 0.2897, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 186, 203) }
```

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

```
.background{ background-color: rgb(173,  
186, 203) }
```

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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