

Converting Colors

Yxy(48.0047, 0.2852, 0.3113)

Have a look what the booklet for
Yxy(48.0047, 0.2852, 0.3113)
contains.

Yxy(48.1828, 0.2851, 0.3119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.1828, 0.2851, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	A5BCC9
RGB	165, 188, 201
RGB Percent	65%, 74%, 79%
CMY	0.3530, 0.2627, 0.2116
CMYK	0.18, 0.06, 0.00, 0.21
HSL	202°, 25%, 72%
HSV	202°, 18%, 79%
XYZ	44.0427, 48.1828, 62.2561
YIQ	182.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

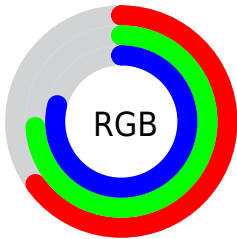
Format	Color
RYB	165, 179, 201
Decimal	10861769
CIELab	74.94, -5.07, -9.21
CIELCh	75, 10.508, 241.162
Yxy	48.1828, 0.2851, 0.3119
Android (android.graphics.Color)	4289051849 (0xFFA5BCC9)
YUV	182.6050, 9.0687, -15.4396
Hunter-Lab	69.4138, -8.2169, -4.5865

Details

The Yxy color **48.1828, 0.2851, 0.3119** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.9821, 0.3442, 0.3455**, and the grayscale version is **47.0833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1370, 0.2914, 0.3177**, and **22.9452, 0.2779, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **43.1700, 0.2697, 0.3010**, and if you desaturate by 10%, it is **53.6946, 0.3006, 0.3218**.

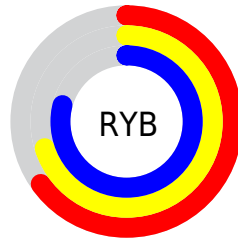
Distribution



Red (65%)

Green (74%)

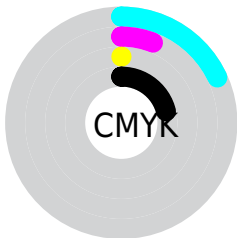
Blue (79%)



Red (65%)

Yellow (70%)

Blue (79%)

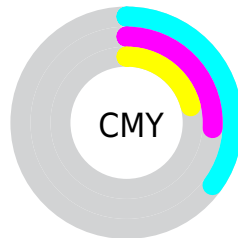


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (26%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1828, 0.2851, 0.3119 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 48.1828, 0.2851, 0.3119 by changing the saturation by 10% instead.

■ 48.1828, 0.2851,
0.3119

■ 48.1828, 0.2851,
0.3119

379.5162, 0.2987,
0.3205

■ 33.9717, 0.2818,
0.3097

■ 87.4765, 0.2900,
0.3150

■ 22.8718, 0.2775,
0.3070

■ 113.3279, 0.2919,
0.3162

■ 14.4989, 0.2719,
0.3033

143.8281, 0.2934,
0.3172

■ 8.4685, 0.2642,
0.2981

179.3616, 0.2948,
0.3180

■ 4.3961, 0.2529,
0.2904

220.3128, 0.2960,
0.3188

■ 1.8975, 0.2349,
0.2777

267.0660, 0.2970,

■ 0.5469, 0.1793,

0.3194

0.2476

320.0057, 0.2979,
0.3200

0.0000, 0.0000,
0.0000

48.1828, 0.2851,
0.3119

48.1828, 0.2851,
0.3119

43.1700, 0.2697,
0.3010

53.6946, 0.3006,
0.3218

38.6322, 0.2546,
0.2892

59.7165, 0.3158,
0.3308

34.5520, 0.2402,
0.2766

66.2665, 0.3307,
0.3388

30.9085, 0.2270,
0.2633

73.3599, 0.3450,
0.3459

27.6785, 0.2152,
0.2496

78.9654, 0.3508,
0.3527

■ 24.8363, 0.2053,
0.2356

■ 82.9614, 0.3493,
0.3599

■ 22.3518, 0.1974,
0.2218

■ 87.1264, 0.3479,
0.3669

■ 20.1820, 0.1915,
0.2082

■ 91.4623, 0.3465,
0.3738

■ 19.7589, 0.1904,
0.2054

■ 95.9711, 0.3451,
0.3805

Harmonies

Analogous

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



48.1828, 0.2867, 0.3233



48.1828, 0.2851, 0.3119



48.1828, 0.2907, 0.3054

Triad

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



48.1828, 0.2851, 0.3119



48.1828, 0.3305, 0.3212



48.1828, 0.3228, 0.3542

Complementary

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



48.1828, 0.2851, 0.3119



46.9821, 0.3442, 0.3455

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.



48.1828, 0.3349, 0.3530



48.1828, 0.2851, 0.3119



48.1828, 0.3395, 0.3337

Square

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



48.1828, 0.2851, 0.3119



48.1828, 0.3168, 0.3109



48.1828, 0.3411, 0.3453



48.1828, 0.3082, 0.3482

Rectangle

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



48.1828, 0.2851, 0.3119



48.1828, 0.2979, 0.3045



48.1828, 0.3411, 0.3453



48.1828, 0.3273, 0.3546

Sweetspot

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



48.1848, 0.2851, 0.3119



94.7572, 0.3050, 0.3245



52.9838, 0.3017, 0.3600



20.1281, 0.3039, 0.3238



0.0000, 0.0000, 0.0000



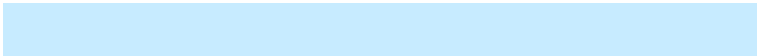
21.4041, 0.3127, 0.3290

Same Dimension

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



48.1848, 0.2851, 0.3119



78.6098, 0.2783, 0.3073



41.1118, 0.2839, 0.2881



11.3980, 0.2984, 0.3205



12.5983, 0.1909, 0.2073



0.7304, 0.1988, 0.2356

Inverse Universe

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



42.9569, 0.3261, 0.3004



68.0433, 0.3300, 0.2931



54.4485, 0.3405, 0.3668



10.7491, 0.3192, 0.3144



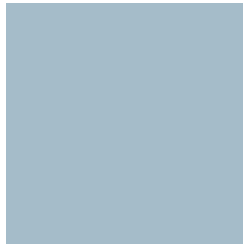
8.8118, 0.4371, 0.2181



0.4308, 0.4068, 0.2015

Previews

White Background



This preview shows how the Yxy color 48.1828, 0.2851, 0.3119 looks on a white background.

Color Contrast Check

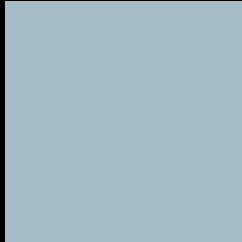
Large Text (above 18pt) WCAG AA × Fail

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 48.1828, 0.2851, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

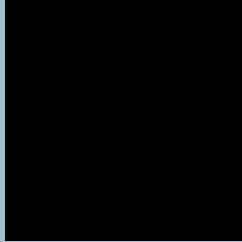
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

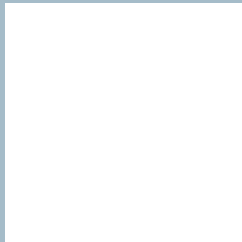
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1828, 0.2851, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 48.1828, 0.2851, 0.3119.



This preview shows how white text looks on a background with the Yxy color 48.1828, 0.2851, 0.3119.

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

48.1828, 0.2851, 0.3119

Protanopia

48.0115, 0.3012, 0.3100

Deuteranopia

47.8895, 0.3057, 0.2994



Tritanopia

48.2776, 0.2838, 0.3094

Trichromacy



Original Color

48.1828, 0.2851, 0.3119

Protanomaly

48.0516, 0.2949, 0.3110

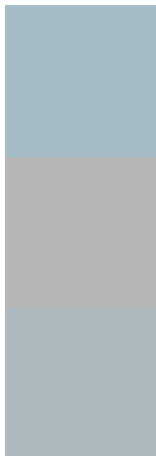
Deuteranomaly

47.7874, 0.2982, 0.3037

Tritanomaly

48.2300, 0.2845, 0.3107

Monochromacy



Original Color

48.1828, 0.2851, 0.3119

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.6457, 0.3015, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1828, 0.2851, 0.3119 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(165, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(165, 188, 201)  
}
```

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(165, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 188, 201) }
```

Border

The CSS property to change the border of an element to Yxy 48.1828, 0.2851, 0.3119 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(165, 188, 201) }
```

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

```
.border{ border-color:rgb(165, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(165, 188,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1828, 0.2851, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 188, 201) }
```

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

```
.background{ background-color: rgb(165,  
188, 201) }
```

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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