

Converting Colors

$Y_{xy}(41.8250, 0.2829, 0.3069)$

Have a look what the booklet for
Yxy(41.8250, 0.2829, 0.3069)
contains.

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Color

Yxy(41.8250, 0.2829, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	9BB0C0
RGB	155, 176, 192
RGB Percent	61%, 69%, 75%
CMY	0.3922, 0.3098, 0.2471
CMYK	0.19, 0.08, 0.00, 0.25
HSL	206°, 23%, 68%
HSV	206°, 19%, 75%
XYZ	38.5542, 41.8250, 55.9029
YIQ	171.5450, -17.6520, 0.5240

Conversions

Conversions Part 2

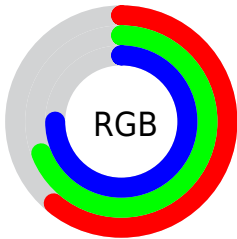
Format	Color
R _Y B	155, 168, 192
Decimal	10203328
CIE Lab	70.75, -3.80, -10.58
CIE LCh	71, 11.240, 250.250
Yxy	41.8250, 0.2829, 0.3069
Android (android.graphics.Color)	4288393408 (0xFF9BB0C0)
YUV	171.5450, 10.0843, -14.5100
Hunter-Lab	64.6723, -6.7640, -5.9799

Details

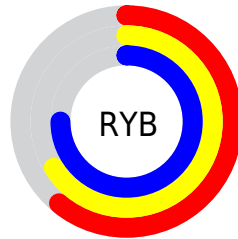
The Yxy color **41.8250, 0.2829, 0.3069** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6849, 0.3462, 0.3501**, and the grayscale version is **40.9676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1922, 0.2888, 0.3120**, and **19.1629, 0.2736, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **36.9227, 0.2671, 0.2937**, and if you desaturate by 10%, it is **47.2313, 0.2986, 0.3189**.

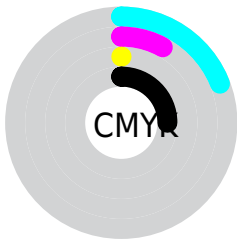
Distribution



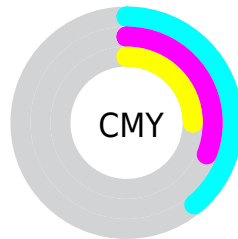
- Red (61%)
- Green (69%)
- Blue (75%)



- Red (61%)
- Yellow (66%)
- Blue (75%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8250, 0.2829, 0.3069 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 41.8250, 0.2829, 0.3069 by changing the saturation by 10% instead.

■ 41.8250, 0.2829,
0.3069

■ 41.8250, 0.2829,
0.3069

■ 353.7570, 0.2980,
0.3182

■ 28.9643, 0.2791,
0.3040

■ 77.9347, 0.2884,
0.3111

■ 19.0538, 0.2742,
0.3002

■ 101.9525, 0.2905,
0.3126

■ 11.7092, 0.2676,
0.2951

■ 130.4581, 0.2922,
0.3139

■ 6.5460, 0.2584,
0.2879

■ 163.8359, 0.2937,
0.3150

■ 3.1798, 0.2445,
0.2767

■ 202.4703, 0.2950,
0.3160

■ 1.2263, 0.2214,
0.2576

■ 246.7456, 0.2961,

■ 0.0830, 0.0000,

0.3168

0.0909

297.0464, 0.2971,
0.3176

0.0000, 0.0000,
0.0000

41.8250, 0.2829,
0.3069

41.8250, 0.2829,
0.3069

36.9227, 0.2671,
0.2937

47.2313, 0.2986,
0.3189

32.5016, 0.2515,
0.2793

53.1533, 0.3138,
0.3297

28.5444, 0.2365,
0.2640

59.6085, 0.3285,
0.3394

25.0306, 0.2224,
0.2478

66.6120, 0.3425,
0.3479

21.9376, 0.2099,
0.2312

74.1781, 0.3557,
0.3555

■ 19.2402, 0.1992,
0.2144

■ 79.3270, 0.3568,
0.3634

■ 16.9094, 0.1906,
0.1978

■ 83.9397, 0.3549,
0.3715

■ 14.8961, 0.1840,
0.1819

■ 88.7735, 0.3530,
0.3793

■ 14.7578, 0.1835,
0.1807

■ 93.8312, 0.3511,
0.3870

Harmonies

Analogous

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



41.8250, 0.2822, 0.3183



41.8250, 0.2829, 0.3069



41.8250, 0.2914, 0.3017

Triad

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



41.8250, 0.2829, 0.3069



41.8250, 0.3365, 0.3244



41.8250, 0.3191, 0.3561

Complementary

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



41.8250, 0.2829, 0.3069



42.6849, 0.3462, 0.3501

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.



41.8250, 0.3340, 0.3571



41.8250, 0.2829, 0.3069



41.8250, 0.3443, 0.3384

Square

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



41.8250, 0.2829, 0.3069



41.8250, 0.3222, 0.3118



41.8250, 0.3433, 0.3504



41.8250, 0.3028, 0.3472

Rectangle

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



41.8250, 0.2829, 0.3069



41.8250, 0.3005, 0.3022



41.8250, 0.3433, 0.3504



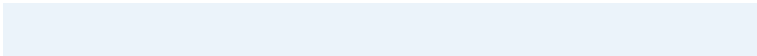
41.8250, 0.3245, 0.3574

Sweetspot

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



41.8267, 0.2829, 0.3069



88.8975, 0.3034, 0.3225



47.5793, 0.2992, 0.3589



18.9231, 0.3024, 0.3218



97.7402, 0.3127, 0.3290



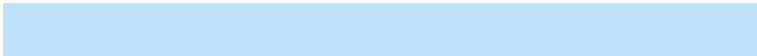
20.4902, 0.3127, 0.3290

Same Dimension

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



41.8267, 0.2829, 0.3069



72.0494, 0.2764, 0.3016



35.2507, 0.2814, 0.2813



10.6763, 0.2984, 0.3188



10.0889, 0.1841, 0.1827



0.5708, 0.1941, 0.2186

Inverse Universe

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



37.7786, 0.3296, 0.3016



63.6313, 0.3340, 0.2955



49.9256, 0.3421, 0.3726



10.1716, 0.3202, 0.3160



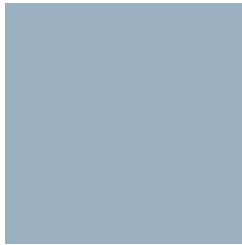
8.3007, 0.4653, 0.2337



0.3723, 0.4247, 0.2113

Previews

White Background



This preview shows how the Yxy color 41.8250, 0.2829, 0.3069 looks on a white background.

Color Contrast Check

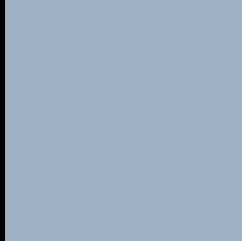
Large Text (above 18pt) WCAG AA × Fail

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 41.8250, 0.2829, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

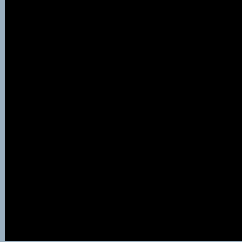
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

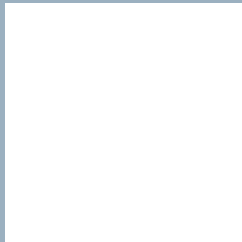
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8250, 0.2829, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 41.8250, 0.2829, 0.3069.



This preview shows how white text looks on a background with the Yxy color 41.8250, 0.2829, 0.3069.

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

41.8250, 0.2829, 0.3069

Protanopia

41.8371, 0.2981, 0.3062

Deuteranopia

41.6036, 0.3019, 0.2951



Tritanopia

41.7369, 0.2843, 0.3096

Trichromacy



Original Color

41.8250, 0.2829, 0.3069

Protanomaly

41.6042, 0.2923, 0.3059

Deuteranomaly

41.6340, 0.2950, 0.2996

Tritanomaly

41.7808, 0.2836, 0.3082

Monochromacy



Original Color

41.8250, 0.2829, 0.3069

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2488, 0.3017, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8250, 0.2829, 0.3069 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(155, 176, 192)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 192)  
}
```

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(155, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.8250, 0.2829, 0.3069 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(155, 176, 192) }
```

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

```
.border{ border-color:rgb(155, 176, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 176, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(155, 176,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8250, 0.2829, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 192) }
```

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

```
.background{ background-color: rgb(155,  
176, 192) }
```

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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