

Converting Colors

$Yxy(42.9614, 0.2899, 0.3070)$

Have a look what the booklet for
Yxy(42.9614, 0.2899, 0.3070)
contains.

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Color

Yxy(42.7934, 0.2893, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	A4B0C1
RGB	164, 176, 193
RGB Percent	64%, 69%, 76%
CMY	0.3570, 0.3098, 0.2430
CMYK	0.15, 0.09, 0.00, 0.24
HSL	215°, 19%, 70%
HSV	215°, 15%, 76%
XYZ	40.4579, 42.7934, 56.5964
YIQ	174.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

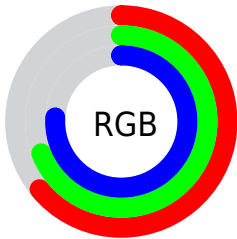
Format	Color
RYB	164, 172, 193
Decimal	10793153
CIELab	71.41, -0.67, -10.09
CIELCh	71, 10.115, 266.214
Yxy	42.7934, 0.2893, 0.3060
Android (android.graphics.Color)	4288983233 (0xFFA4B0C1)
YUV	174.3500, 9.1944, -9.0770
Hunter-Lab	65.4167, -4.0831, -5.5041

Details

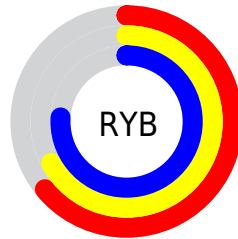
The Yxy color **42.7934, 0.2893, 0.3060** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.0626, 0.3372, 0.3510**, and the grayscale version is **42.4724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6128, 0.2938, 0.3112**, and **19.7241, 0.2831, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **36.6452, 0.2728, 0.2885**, and if you desaturate by 10%, it is **49.6260, 0.3051, 0.3217**.

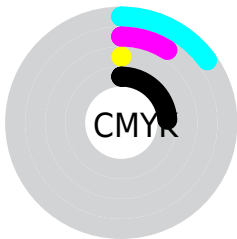
Distribution



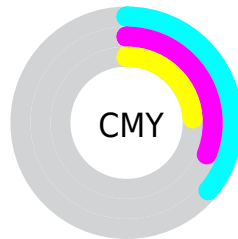
- Red (64%)
- Green (69%)
- Blue (76%)



- Red (64%)
- Yellow (67%)
- Blue (76%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7934, 0.2893, 0.3060 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 42.7934, 0.2893, 0.3060 by changing the saturation by 10% instead.

■ 42.7934, 0.2893,
0.3060

■ 42.7934, 0.2893,
0.3060

■ 357.7614, 0.3011,
0.3176

■ 29.7230, 0.2863,
0.3031

■ 79.3990, 0.2936,
0.3103

■ 19.6285, 0.2825,
0.2992

■ 103.7030, 0.2952,
0.3119

■ 12.1253, 0.2773,
0.2941

■ 132.5204, 0.2966,
0.3132

■ 6.8290, 0.2701,
0.2869

■ 166.2356, 0.2978,
0.3143

■ 3.3554, 0.2591,
0.2760

■ 205.2328, 0.2988,
0.3153

■ 1.3200, 0.2408,
0.2577

■ 249.8966, 0.2997,

■ 0.1566, 0.1137,

0.3162

0.1344

300.6114, 0.3004,
0.3170

0.0000, 0.0000,
0.0000

42.7934, 0.2893,
0.3060

42.7934, 0.2893,
0.3060

36.6452, 0.2728,
0.2885

49.6260, 0.3051,
0.3217

31.1531, 0.2559,
0.2693

57.1595, 0.3199,
0.3357

26.2945, 0.2389,
0.2486

65.4162, 0.3338,
0.3481

22.0434, 0.2224,
0.2267

74.4161, 0.3467,
0.3589

18.3715, 0.2069,
0.2040

83.1236, 0.3545,
0.3689

■ 15.2480, 0.1932,
0.1814

■ 89.7131, 0.3520,
0.3797

■ 12.6382, 0.1818,
0.1596

■ 96.6316, 0.3496,
0.3899

■ 10.5016, 0.1731,
0.1394

■ 9.5874, 0.1695,
0.1300

Harmonies

Analogous

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



42.7934, 0.2848, 0.3135



42.7934, 0.2893, 0.3060



42.7934, 0.3000, 0.3047

Triad

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



42.7934, 0.2893, 0.3060



42.7934, 0.3385, 0.3316



42.7934, 0.3106, 0.3497

Complementary

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



42.7934, 0.2893, 0.3060



47.0626, 0.3372, 0.3510

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.



42.7934, 0.3251, 0.3545



42.7934, 0.2893, 0.3060



42.7934, 0.3414, 0.3436

Square

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



42.7934, 0.2893, 0.3060



42.7934, 0.3285, 0.3193



42.7934, 0.3365, 0.3521



42.7934, 0.2969, 0.3389

Rectangle

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



42.7934, 0.2893, 0.3060



42.7934, 0.3094, 0.3073



42.7934, 0.3365, 0.3521



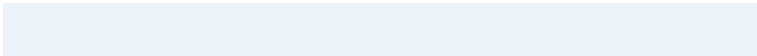
42.7934, 0.3156, 0.3521

Sweetspot

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



42.7952, 0.2893, 0.3060



88.8219, 0.3050, 0.3217



49.3749, 0.2986, 0.3452



18.8607, 0.3040, 0.3206



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.



42.7952, 0.2893, 0.3060



72.9375, 0.2840, 0.3006



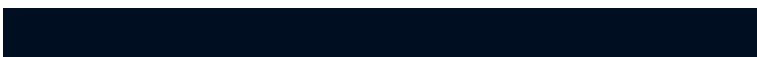
38.5396, 0.2908, 0.2895



10.4183, 0.2984, 0.3152



6.5245, 0.1701, 0.1324



0.4177, 0.1826, 0.1773

Inverse Universe

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



41.0153, 0.3294, 0.3135



69.2868, 0.3337, 0.3100



51.8578, 0.3329, 0.3661



10.1456, 0.3225, 0.3195



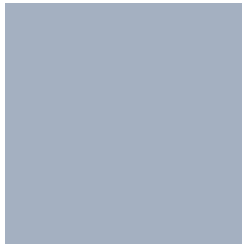
7.9409, 0.5294, 0.2690



0.3568, 0.4718, 0.2372

Previews

White Background



This preview shows how the Yxy color 42.7934, 0.2893, 0.3060 looks on a white background.

Color Contrast Check

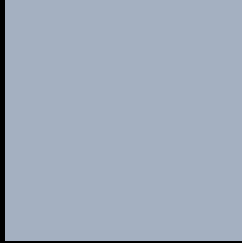
Large Text (above 18pt) WCAG AA × Fail

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 42.7934, 0.2893, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

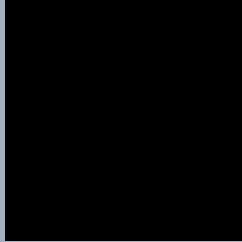
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

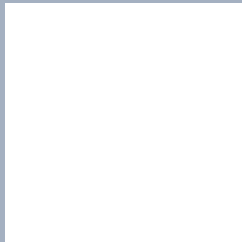
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7934, 0.2893, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 42.7934, 0.2893, 0.3060.



This preview shows how white text looks on a background with the Yxy color 42.7934, 0.2893, 0.3060.

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

42.7934, 0.2893, 0.3060

Protanopia

42.9179, 0.2982, 0.3064

Deuteranopia

42.7118, 0.3045, 0.2980



Tritanopia

42.6609, 0.2916, 0.3100

Trichromacy



Original Color

42.7934, 0.2893, 0.3060

Protanomaly

43.0118, 0.2950, 0.3063

Deuteranomaly

42.6302, 0.2984, 0.3001

Tritanomaly

42.7048, 0.2908, 0.3087

Monochromacy



Original Color

42.7934, 0.2893, 0.3060

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5422, 0.3035, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7934, 0.2893, 0.3060 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(164, 176, 193)` looks like.

```
.text, #text, p{  
    color:rgb(164, 176, 193)  
}
```

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(164, 176, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 176, 193) }
```

Border

The CSS property to change the border of an element to Yxy 42.7934, 0.2893, 0.3060 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(164, 176, 193) }
```

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

```
.border{ border-color:rgb(164, 176, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 176, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 176, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 176, 193);  
box-shadow:4px 4px 4px 4px rgb(164, 176,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7934, 0.2893, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 176, 193) }
```

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

```
.background{ background-color: rgb(164,  
176, 193) }
```

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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