

Converting Colors

$Yxy(40.9061, 0.2845, 0.3093)$

Have a look what the booklet for
Yxy(40.9061, 0.2845, 0.3093)
contains.

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Color

Yxy(40.7730, 0.2849, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	9AAEBC
RGB	154, 174, 188
RGB Percent	60%, 68%, 74%
CMY	0.3959, 0.3177, 0.2628
CMYK	0.18, 0.07, 0.00, 0.26
HSL	205°, 20%, 67%
HSV	205°, 18%, 74%
XYZ	37.5444, 40.7730, 53.4635
YIQ	169.6160, -16.4140, 0.1140

Conversions

Conversions Part 2

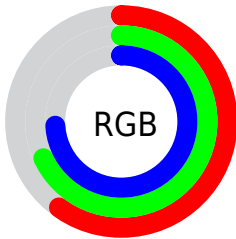
Format	Color
RYB	154, 167, 188
Decimal	10137276
CIELab	70.02, -3.90, -9.48
CIElCh	70, 10.249, 247.653
Yxy	40.7730, 0.2849, 0.3094
Android (android.graphics.Color)	4288327356 (0xFF9AAEBC)
YUV	169.6160, 9.0633, -13.6952
Hunter-Lab	63.8537, -6.7906, -4.9447

Details

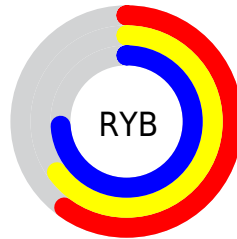
The Yxy color **40.7730, 0.2849, 0.3094** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0445, 0.3439, 0.3478**, and the grayscale version is **39.9614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1256, 0.2903, 0.3129**, and **18.4931, 0.2760, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **36.1628, 0.2692, 0.2970**, and if you desaturate by 10%, it is **45.8483, 0.3004, 0.3207**.

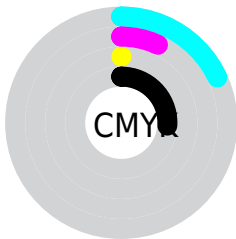
Distribution



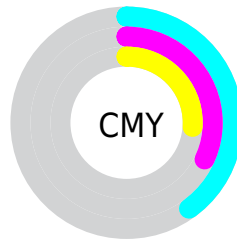
- Red (60%)
- Green (68%)
- Blue (74%)



- Red (60%)
- Yellow (65%)
- Blue (74%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7730, 0.2849, 0.3094 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 40.7730, 0.2849, 0.3094 by changing the saturation by 10% instead.

■ 40.7730, 0.2849,
0.3094

■ 40.7730, 0.2849,
0.3094

■ 349.3710, 0.2990,
0.3195

■ 28.1418, 0.2813,
0.3068

■ 76.3392, 0.2901,
0.3131

■ 18.4325, 0.2767,
0.3034

■ 100.0429, 0.2920,
0.3145

■ 11.2610, 0.2704,
0.2988

■ 128.2062, 0.2936,
0.3157

■ 6.2427, 0.2616,
0.2921

■ 161.2136, 0.2950,
0.3167

■ 2.9932, 0.2482,
0.2818

■ 199.4493, 0.2962,
0.3175

■ 1.1282, 0.2255,
0.2638

■ 243.2979, 0.2973,

■ 0.0018, 0.0000,

0.3183

0.0028

293.1436, 0.2982,
0.3189

0.0000, 0.0000,
0.0000

40.7730, 0.2849,
0.3094

40.7730, 0.2849,
0.3094

36.1628, 0.2692,
0.2970

45.8483, 0.3004,
0.3207

31.9963, 0.2538,
0.2834

51.3991, 0.3156,
0.3309

28.2579, 0.2389,
0.2690

57.4414, 0.3303,
0.3400

24.9286, 0.2250,
0.2537

63.9893, 0.3442,
0.3480

21.9879, 0.2125,
0.2379

71.0559, 0.3575,
0.3551

■ 19.4128, 0.2019,
0.2220

■ 76.3394, 0.3609,
0.3623

■ 17.1766, 0.1933,
0.2062

■ 80.5150, 0.3590,
0.3699

■ 15.2400, 0.1867,
0.1908

■ 84.8819, 0.3571,
0.3774

■ 14.8875, 0.1855,
0.1878

■ 89.4424, 0.3552,
0.3847

Harmonies

Analogous

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



40.7730, 0.2849, 0.3203



40.7730, 0.2849, 0.3094



40.7730, 0.2922, 0.3040

Triad

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



40.7730, 0.2849, 0.3094



40.7730, 0.3336, 0.3236



40.7730, 0.3199, 0.3543

Complementary

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



40.7730, 0.2849, 0.3094



41.0445, 0.3439, 0.3478

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.



40.7730, 0.3333, 0.3546



40.7730, 0.2849, 0.3094



40.7730, 0.3414, 0.3366

Square

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



40.7730, 0.2849, 0.3094



40.7730, 0.3202, 0.3123



40.7730, 0.3413, 0.3480



40.7730, 0.3049, 0.3467

Rectangle

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



40.7730, 0.2849, 0.3094



40.7730, 0.3003, 0.3041



40.7730, 0.3413, 0.3480



40.7730, 0.3248, 0.3552

Sweetspot

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



40.7747, 0.2849, 0.3094



86.0052, 0.3050, 0.3239



45.6505, 0.3004, 0.3576



18.3461, 0.3039, 0.3231



95.5105, 0.3127, 0.3290



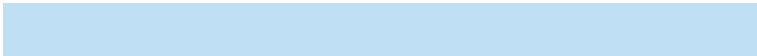
19.5994, 0.3127, 0.3290

Same Dimension

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



40.7747, 0.2849, 0.3094



70.2091, 0.2782, 0.3042



34.7663, 0.2837, 0.2855



10.1320, 0.2984, 0.3193



10.2862, 0.1860, 0.1897



0.5289, 0.1963, 0.2266

Inverse Universe

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



36.8709, 0.3277, 0.3026



61.9196, 0.3321, 0.2960



47.5548, 0.3402, 0.3691



9.6279, 0.3199, 0.3156



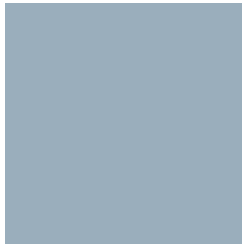
8.0681, 0.4571, 0.2292



0.3288, 0.4162, 0.2066

Previews

White Background



This preview shows how the Yxy color 40.7730, 0.2849, 0.3094 looks on a white background.

Color Contrast Check

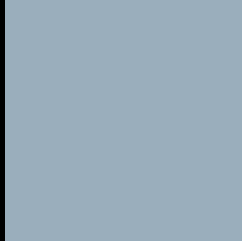
Large Text (above 18pt) WCAG AA × Fail

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 40.7730, 0.2849, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

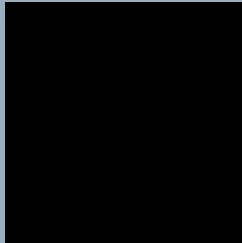
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

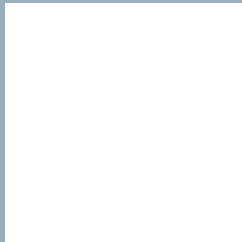
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7730, 0.2849, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 40.7730, 0.2849, 0.3094.

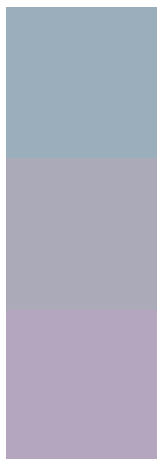


This preview shows how white text looks on a background with the Yxy color 40.7730, 0.2849, 0.3094.

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

40.7730, 0.2849, 0.3094

Protanopia

40.7983, 0.3004, 0.3086

Deuteranopia

40.5738, 0.3043, 0.2973



Tritanopia

40.7730, 0.2849, 0.3094

Trichromacy



Original Color

40.7730, 0.2849, 0.3094

Protanomaly

40.5635, 0.2945, 0.3084

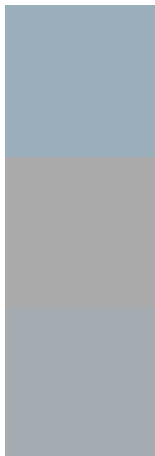
Deuteranomaly

40.5961, 0.2972, 0.3020

Tritanomaly

40.7730, 0.2849, 0.3094

Monochromacy



Original Color

40.7730, 0.2849, 0.3094

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1927, 0.3016, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7730, 0.2849, 0.3094 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(154, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(154, 174, 188)  
}
```

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(154, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 174, 188) }
```

Border

The CSS property to change the border of an element to Yxy 40.7730, 0.2849, 0.3094 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(154, 174, 188) }
```

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

```
.border{ border-color:rgb(154, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(154, 174,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7730, 0.2849, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 174, 188) }
```

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

```
.background{ background-color: rgb(154,  
174, 188) }
```

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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