

Converting Colors

$Yxy(44.0178, 0.2844, 0.3063)$

Have a look what the booklet for
Yxy(44.0178, 0.2844, 0.3063)
contains.

Yxy(44.2051, 0.2850, 0.3074)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.2051, 0.2850, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	A1B4C4
RGB	161, 180, 196
RGB Percent	63%, 71%, 77%
CMY	0.3687, 0.2941, 0.2313
CMYK	0.18, 0.08, 0.00, 0.23
HSL	207°, 23%, 70%
HSV	207°, 18%, 77%
XYZ	40.9839, 44.2051, 58.6142
YIQ	176.1430, -16.4600, 0.9480

Conversions

Conversions Part 2

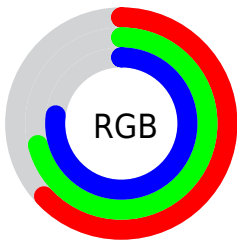
Format	Color
RYB	161, 173, 196
Decimal	10597572
CIELab	72.37, -3.14, -10.34
CIELCh	72, 10.809, 253.093
Yxy	44.2051, 0.2850, 0.3074
Android (android.graphics.Color)	4288787652 (0xFFA1B4C4)
YUV	176.1430, 9.7895, -13.2804
Hunter-Lab	66.4869, -6.3210, -5.7286

Details

The Yxy color **44.2051, 0.2850, 0.3074** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7637, 0.3433, 0.3497**, and the grayscale version is **43.4497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6817, 0.2898, 0.3113**, and **20.3829, 0.2774, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **38.8236, 0.2690, 0.2935**, and if you desaturate by 10%, it is **50.1437, 0.3007, 0.3200**.

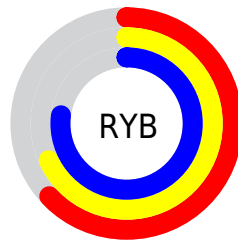
Distribution



Red (63%)

Green (71%)

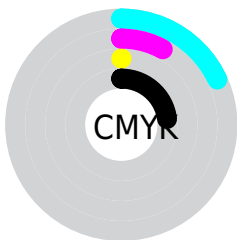
Blue (77%)



Red (63%)

Yellow (68%)

Blue (77%)

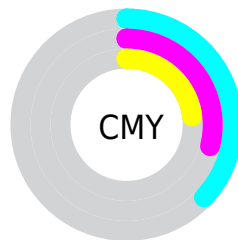


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (37%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2051, 0.2850, 0.3074 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 44.2051, 0.2850, 0.3074 by changing the saturation by 10% instead.

■ 44.2051, 0.2850,
0.3074

■ 44.2051, 0.2850,
0.3074

363.5446, 0.2989,
0.3183

■ 30.8318, 0.2815,
0.3046

■ 81.5263, 0.2900,
0.3114

■ 20.4708, 0.2771,
0.3011

■ 106.2429, 0.2919,
0.3129

■ 12.7377, 0.2712,
0.2963

135.5095, 0.2935,
0.3142

■ 7.2482, 0.2629,
0.2895

169.7103, 0.2949,
0.3152

■ 3.6178, 0.2506,
0.2793

209.2299, 0.2961,
0.3162

■ 1.4621, 0.2304,
0.2621

254.4525, 0.2971,

■ 0.2619, 0.1193,

0.3170

0.1815

305.7626, 0.2981,
0.3177

0.0000, 0.0000,
0.0000

44.2051, 0.2850,
0.3074

44.2051, 0.2850,
0.3074

38.8236, 0.2690,
0.2935

50.1437, 0.3007,
0.3200

33.9746, 0.2532,
0.2784

56.6521, 0.3159,
0.3313

29.6392, 0.2377,
0.2622

63.7494, 0.3304,
0.3414

25.7955, 0.2232,
0.2450

71.4519, 0.3442,
0.3502

22.4191, 0.2100,
0.2274

79.0076, 0.3542,
0.3584

■ 19.4833, 0.1986,
0.2095

■ 83.9788, 0.3522,
0.3671

■ 16.9570, 0.1894,
0.1920

■ 89.2083, 0.3503,
0.3757

■ 14.7970, 0.1824,
0.1751

■ 94.6997, 0.3484,
0.3840

■ 14.3712, 0.1810,
0.1716

■ 96.7669, 0.3478,
0.3870

Harmonies

Analogous

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



44.2051, 0.2836, 0.3177



44.2051, 0.2850, 0.3074



44.2051, 0.2937, 0.3031

Triad

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



44.2051, 0.2850, 0.3074



44.2051, 0.3361, 0.3259



44.2051, 0.3173, 0.3540

Complementary

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



44.2051, 0.2850, 0.3074



45.7637, 0.3433, 0.3497

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.



44.2051, 0.3317, 0.3558



44.2051, 0.2850, 0.3074



44.2051, 0.3428, 0.3391

Square

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



44.2051, 0.2850, 0.3074



44.2051, 0.3231, 0.3137



44.2051, 0.3411, 0.3501



44.2051, 0.3020, 0.3451

Rectangle

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



44.2051, 0.2850, 0.3074



44.2051, 0.3025, 0.3039



44.2051, 0.3411, 0.3501



44.2051, 0.3224, 0.3555

Sweetspot

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



44.2069, 0.2850, 0.3074



93.9970, 0.3050, 0.3233



50.2342, 0.2993, 0.3550



19.9433, 0.3039, 0.3225



0.0000, 0.0000, 0.0000



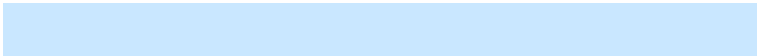
21.4041, 0.3127, 0.3290

Same Dimension

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



44.2069, 0.2850, 0.3074



76.5763, 0.2795, 0.3028



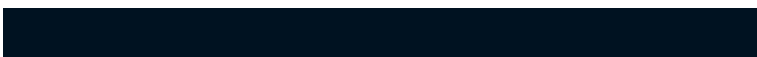
37.6660, 0.2838, 0.2834



10.6332, 0.2984, 0.3182



9.4050, 0.1817, 0.1739



0.5429, 0.1921, 0.2117

Inverse Universe

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



40.5216, 0.3290, 0.3047



68.9851, 0.3329, 0.2998



53.0202, 0.3396, 0.3709



10.1673, 0.3206, 0.3166



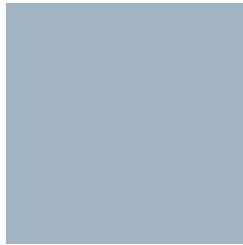
8.2317, 0.4759, 0.2395



0.3694, 0.4322, 0.2155

Previews

White Background



This preview shows how the Yxy color 44.2051, 0.2850, 0.3074 looks on a white background.

Color Contrast Check

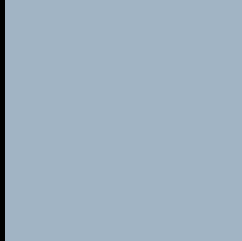
Large Text (above 18pt) WCAG AA × Fail

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 44.2051, 0.2850, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

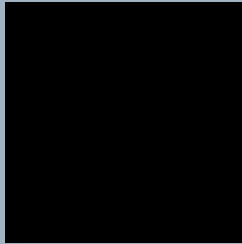
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

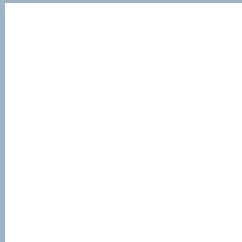
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2051, 0.2850, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 44.2051, 0.2850, 0.3074.



This preview shows how white text looks on a background with the Yxy color 44.2051, 0.2850, 0.3074.

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

44.2051, 0.2850, 0.3074

Protanopia

44.1758, 0.2985, 0.3054

Deuteranopia

43.8966, 0.3030, 0.2958



Tritanopia

44.1597, 0.2857, 0.3087

Trichromacy



Original Color

44.2051, 0.2850, 0.3074

Protanomaly

44.0423, 0.2936, 0.3052

Deuteranomaly

43.9213, 0.2961, 0.3003

Tritanomaly

44.1597, 0.2857, 0.3087

Monochromacy



Original Color

44.2051, 0.2850, 0.3074

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5211, 0.3028, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2051, 0.2850, 0.3074 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(161, 180, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 196)  
}
```

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(161, 180, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 196) }
```

Border

The CSS property to change the border of an element to Yxy 44.2051, 0.2850, 0.3074 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(161, 180, 196) }
```

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

```
.border{ border-color:rgb(161, 180, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 180, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2051, 0.2850, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 196) }
```

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

```
.background{ background-color: rgb(161,  
180, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor