

Converting Colors

$Yxy(42.9081, 0.2647, 0.2834)$

Have a look what the booklet for
Yxy(42.9081, 0.2647, 0.2834)
contains.

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Color

Yxy(42.8902, 0.2644, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	94B2D4
RGB	148, 178, 212
RGB Percent	58%, 70%, 83%
CMY	0.4196, 0.3019, 0.1687
CMYK	0.30, 0.16, 0.00, 0.17
HSL	212°, 43%, 71%
HSV	212°, 30%, 83%
XYZ	40.0147, 42.8902, 68.4367
YIQ	172.9060, -28.7940, 4.2140

Conversions

Conversions Part 2

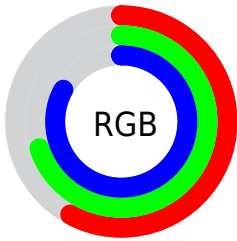
Format	Color
RYB	148, 168, 212
Decimal	9745108
CIELab	71.48, -2.33, -20.49
CIELCh	71, 20.623, 263.512
Yxy	42.8902, 0.2644, 0.2834
Android (android.graphics.Color)	4287935188 (0xFF94B2D4)
YUV	172.9060, 19.2733, -21.8426
Hunter-Lab	65.4906, -5.5452, -16.1137

Details

The Yxy color **42.8902, 0.2644, 0.2834** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.5767, 0.3678, 0.3706**, and the grayscale version is **41.6509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7621, 0.2807, 0.3066**, and **19.5344, 0.2506, 0.2699** is the 20% darker color. If you saturate the color by 10%, you get **36.7954, 0.2478, 0.2652**, and if you desaturate by 10%, it is **49.7179, 0.2809, 0.3001**.

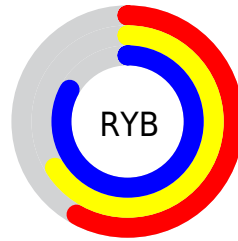
Distribution



Red (58%)

Green (70%)

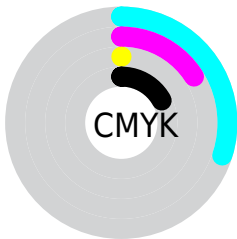
Blue (83%)



Red (58%)

Yellow (66%)

Blue (83%)

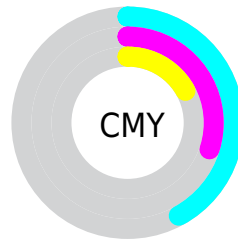


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (30%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8902, 0.2644, 0.2834 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 42.8902, 0.2644, 0.2834 by changing the saturation by 10% instead.

■ 42.8902, 0.2644,
0.2834

■ 42.8902, 0.2644,
0.2834

358.1600, 0.2885,
0.3063

■ 29.7990, 0.2584,
0.2777

■ 79.5451, 0.2731,
0.2917

■ 19.6861, 0.2508,
0.2703

■ 103.8776, 0.2764,
0.2949

■ 12.1670, 0.2408,
0.2606

132.7260, 0.2792,
0.2975

■ 6.8575, 0.2270,
0.2471

166.4747, 0.2816,
0.2998

■ 3.3732, 0.2069,
0.2274

205.5080, 0.2837,
0.3018

■ 1.3295, 0.1757,
0.1962

250.2104, 0.2855,

■ 0.1639, 0.0487,

0.3035

0.0808

300.9663, 0.2871,
0.3050

0.0000, 0.0000,
0.0000

42.8902, 0.2644,
0.2834

42.8902, 0.2644,
0.2834

36.7954, 0.2478,
0.2652

49.7179, 0.2809,
0.3001

31.3999, 0.2316,
0.2458

57.3003, 0.2970,
0.3152

26.6746, 0.2162,
0.2254

65.6641, 0.3125,
0.3288

22.5859, 0.2023,
0.2046

74.8334, 0.3271,
0.3408

19.0963, 0.1904,
0.1840

84.8311, 0.3408,
0.3514

■ 16.1627, 0.1810,
0.1642

■ 91.6459, 0.3397,
0.3622

■ 13.7532, 0.1739,
0.1460

■ 97.5320, 0.3382,
0.3711

Harmonies

Analogous

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



42.8902, 0.2570, 0.2985



42.8902, 0.2644, 0.2834



42.8902, 0.2844, 0.2804

Triad

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



42.8902, 0.2644, 0.2834



42.8902, 0.3644, 0.3310



42.8902, 0.3105, 0.3739

Complementary

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



42.8902, 0.2644, 0.2834



49.5767, 0.3678, 0.3706

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.



42.8902, 0.3398, 0.3820



42.8902, 0.2644, 0.2834



42.8902, 0.3718, 0.3554

Square

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



42.8902, 0.2644, 0.2834



42.8902, 0.3423, 0.3073



42.8902, 0.3625, 0.3744



42.8902, 0.2827, 0.3518

Rectangle

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



42.8902, 0.2644, 0.2834



42.8902, 0.3027, 0.2851



42.8902, 0.3625, 0.3744



42.8902, 0.3205, 0.3783

Sweetspot

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



42.8919, 0.2644, 0.2834



88.3734, 0.2987, 0.3168



56.7075, 0.2879, 0.3702



18.5332, 0.2964, 0.3147



0.0000, 0.0000, 0.0000



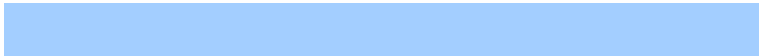
21.4041, 0.3127, 0.3290

Same Dimension

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



42.8919, 0.2644, 0.2834



59.2915, 0.2541, 0.2723



32.3317, 0.2605, 0.2415



12.9594, 0.2982, 0.3163



8.6900, 0.1746, 0.1486



0.6890, 0.1837, 0.1812

Inverse Universe

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



38.3903, 0.3486, 0.2924



51.9939, 0.3588, 0.2846



63.0454, 0.3571, 0.4041



12.5168, 0.3218, 0.3181



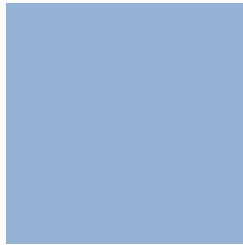
9.2221, 0.5078, 0.2571



0.5729, 0.4671, 0.2347

Previews

White Background



This preview shows how the Yxy color 42.8902, 0.2644, 0.2834 looks on a white background.

Color Contrast Check

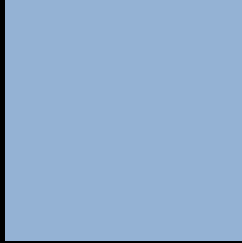
Large Text (above 18pt) WCAG AA × Fail

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 42.8902, 0.2644, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

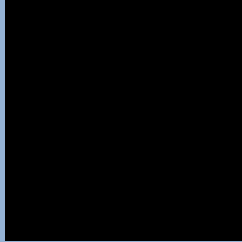
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

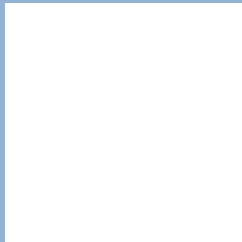
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8902, 0.2644, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 42.8902, 0.2644, 0.2834.

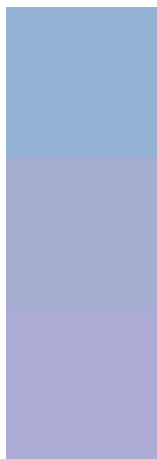


This preview shows how white text looks on a background with the Yxy color 42.8902, 0.2644, 0.2834.

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

42.8902, 0.2644, 0.2834

Protanopia

42.7061, 0.2799, 0.2820

Deuteranopia

42.7006, 0.2809, 0.2752



Tritanopia

42.9172, 0.2731, 0.3094

Trichromacy



Original Color

42.8902, 0.2644, 0.2834

Protanomaly

42.7867, 0.2740, 0.2828

Deuteranomaly

42.8627, 0.2742, 0.2781

Tritanomaly

42.8793, 0.2697, 0.3000

Monochromacy



Original Color

42.8902, 0.2644, 0.2834

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.1403, 0.2938, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8902, 0.2644, 0.2834 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(148, 178, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 178, 212)  
}
```

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(148, 178, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 178, 212) }
```

Border

The CSS property to change the border of an element to Yxy 42.8902, 0.2644, 0.2834 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(148, 178, 212) }
```

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

```
.border{ border-color:rgb(148, 178, 212) }
```

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

Here you see how a box with a 4 pixel rgb(148, 178, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 178, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 178, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 178,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8902, 0.2644, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 178, 212) }
```

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

```
.background{ background-color: rgb(148,  
178, 212) }
```

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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