

Converting Colors

$Yxy(44.2788, 0.2680, 0.2906)$

Have a look what the booklet for
Yxy(44.2788, 0.2680, 0.2906)
contains.

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Color

Yxy(44.2802, 0.2682, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	97B5D2
RGB	151, 181, 210
RGB Percent	59%, 71%, 82%
CMY	0.4078, 0.2902, 0.1764
CMYK	0.28, 0.14, 0.00, 0.18
HSL	210°, 40%, 71%
HSV	210°, 28%, 82%
XYZ	40.9233, 44.2802, 67.3816
YIQ	175.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

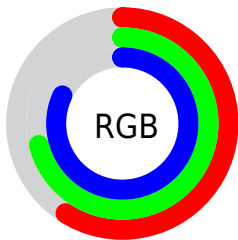
Format	Color
RYB	151, 171, 210
Decimal	9942482
CIELab	72.42, -3.55, -17.99
CIELCh	72, 18.340, 258.854
Yxy	44.2802, 0.2682, 0.2902
Android (android.graphics.Color)	4288132562 (0xFF97B5D2)
YUV	175.3360, 17.0894, -21.3427
Hunter-Lab	66.5434, -6.6757, -13.4565

Details

The Yxy color **44.2802, 0.2682, 0.2902** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.6009, 0.3641, 0.3648**, and the grayscale version is **42.9756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9102, 0.2827, 0.3100**, and **20.4575, 0.2565, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **38.4010, 0.2519, 0.2737**, and if you desaturate by 10%, it is **50.8325, 0.2844, 0.3053**.

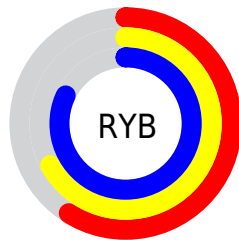
Distribution



Red (59%)

Green (71%)

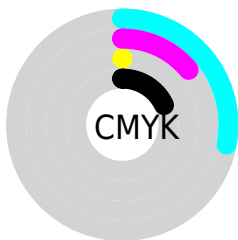
Blue (82%)



Red (59%)

Yellow (67%)

Blue (82%)

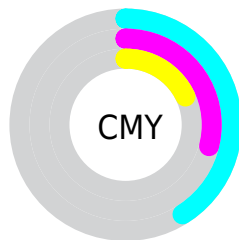


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (18%)



Cyan (41%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2802, 0.2682, 0.2902 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 44.2802, 0.2682, 0.2902 by changing the saturation by 10% instead.

■ 44.2802, 0.2682,
0.2902

■ 44.2802, 0.2682,
0.2902

363.8505, 0.2903,
0.3097

■ 30.8909, 0.2627,
0.2853

■ 81.6392, 0.2762,
0.2973

■ 20.5157, 0.2558,
0.2790

■ 106.3777, 0.2792,
0.3000

■ 12.7705, 0.2466,
0.2707

135.6679, 0.2818,
0.3022

■ 7.2707, 0.2340,
0.2592

169.8944, 0.2840,
0.3042

■ 3.6320, 0.2157,
0.2421

209.4415, 0.2859,
0.3058

■ 1.4699, 0.1870,
0.2149

254.6936, 0.2875,

■ 0.2674, 0.0794,

0.3073

0.1267

306.0352, 0.2890,
0.3086

0.0000, 0.0000,
0.0000

44.2802, 0.2682,
0.2902

44.2802, 0.2682,
0.2902

38.4010, 0.2519,
0.2737

50.8325, 0.2844,
0.3053

33.1640, 0.2360,
0.2561

58.0767, 0.3003,
0.3190

28.5431, 0.2210,
0.2374

66.0374, 0.3156,
0.3312

24.5081, 0.2073,
0.2183

74.7360, 0.3301,
0.3421

21.0255, 0.1955,
0.1990

83.9981, 0.3430,
0.3517

■ 18.0567, 0.1860,
0.1802

■ 90.0087, 0.3413,
0.3617

■ 15.5487, 0.1788,
0.1624

■ 96.3673, 0.3396,
0.3715

■ 15.1103, 0.1775,
0.1591

■ 97.4346, 0.3393,
0.3730

Harmonies

Analogous

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



44.2802, 0.2635, 0.3053



44.2802, 0.2682, 0.2902



44.2802, 0.2844, 0.2857

Triad

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



44.2802, 0.2682, 0.2902



44.2802, 0.3558, 0.3275



44.2802, 0.3150, 0.3702

Complementary

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



44.2802, 0.2682, 0.2902



48.6009, 0.3641, 0.3648

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.



44.2802, 0.3403, 0.3753



44.2802, 0.2682, 0.2902



44.2802, 0.3646, 0.3493

Square

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



44.2802, 0.2682, 0.2902



44.2802, 0.3350, 0.3069



44.2802, 0.3587, 0.3671



44.2802, 0.2898, 0.3525

Rectangle

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



44.2802, 0.2682, 0.2902



44.2802, 0.3000, 0.2887



44.2802, 0.3587, 0.3671



44.2802, 0.3238, 0.3735

Sweetspot

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



44.2820, 0.2682, 0.2902



90.0978, 0.3003, 0.3190



55.9648, 0.2907, 0.3697



18.9035, 0.2979, 0.3170



0.0000, 0.0000, 0.0000



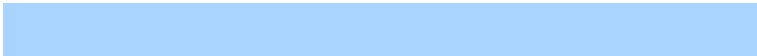
21.4041, 0.3127, 0.3290

Same Dimension

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



44.2820, 0.2682, 0.2902



62.8404, 0.2580, 0.2800



33.6900, 0.2640, 0.2497



12.3964, 0.2982, 0.3173



9.4160, 0.1782, 0.1616



0.6852, 0.1874, 0.1945

Inverse Universe

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



39.1791, 0.3432, 0.2923



54.1474, 0.3523, 0.2838



61.5644, 0.3552, 0.3977



11.9071, 0.3212, 0.3172



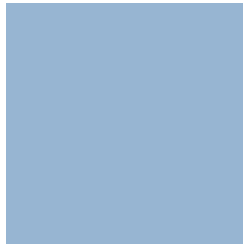
9.0218, 0.4911, 0.2479



0.5205, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 44.2802, 0.2682, 0.2902 looks on a white background.

Color Contrast Check

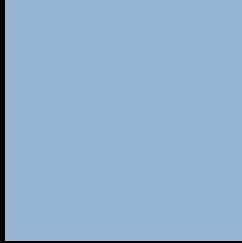
Large Text (above 18pt) WCAG AA × Fail

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 44.2802, 0.2682, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

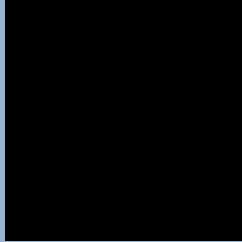
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

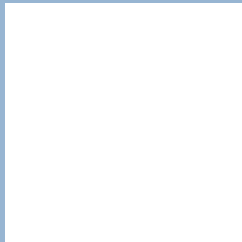
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2802, 0.2682, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 44.2802, 0.2682, 0.2902.



This preview shows how white text looks on a background with the Yxy color 44.2802, 0.2682, 0.2902.

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

44.2802, 0.2682, 0.2902

Protanopia

44.2136, 0.2847, 0.2889

Deuteranopia

44.1056, 0.2865, 0.2797



Tritanopia

44.2401, 0.2742, 0.3084

Trichromacy



Original Color

44.2802, 0.2682, 0.2902

Protanomaly

44.2874, 0.2788, 0.2897

Deuteranomaly

44.0786, 0.2796, 0.2837

Tritanomaly

44.1097, 0.2721, 0.3017

Monochromacy



Original Color

44.2802, 0.2682, 0.2902

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1821, 0.2948, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2802, 0.2682, 0.2902 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(151, 181, 210)` looks like.

```
.text, #text, p{  
    color:rgb(151, 181, 210)  
}
```

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(151, 181, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 181, 210) }
```

Border

The CSS property to change the border of an element to Yxy 44.2802, 0.2682, 0.2902 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(151, 181, 210) }
```

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

```
.border{ border-color:rgb(151, 181, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 181, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 181, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 181, 210);  
box-shadow:4px 4px 4px 4px rgb(151, 181,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2802, 0.2682, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 181, 210) }
```

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

```
.background{ background-color: rgb(151,  
181, 210) }
```

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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