

Converting Colors

$Y_{xy}(44.7665, 0.2814, 0.2940)$

Have a look what the booklet for
Yxy(44.7665, 0.2814, 0.2940)
contains.

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Color

Yxy(44.6958, 0.2810, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	A5B3CE
RGB	165, 179, 206
RGB Percent	65%, 70%, 81%
CMY	0.3529, 0.2980, 0.1922
CMYK	0.20, 0.13, 0.00, 0.19
HSL	220°, 29%, 73%
HSV	220°, 20%, 81%
XYZ	42.7777, 44.6958, 64.7602
YIQ	177.8920, -17.0110, 5.4290

Conversions

Conversions Part 2

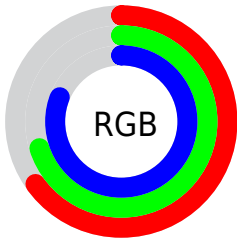
Format	Color
R _Y B	165, 175, 206
Decimal	10859470
CIE Lab	72.69, 0.88, -15.28
CIE LCh	73, 15.305, 273.314
Yxy	44.6958, 0.2810, 0.2936
Android (android.graphics.Color)	4289049550 (0xFFA5B3CE)
YUV	177.8920, 13.8572, -11.3063
Hunter-Lab	66.8549, -2.7814, -10.6339

Details

The Yxy color **44.6958, 0.2810, 0.2936** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5354, 0.3455, 0.3620**, and the grayscale version is **44.3941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8523, 0.2911, 0.3083**, and **20.6994, 0.2721, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **37.4909, 0.2637, 0.2728**, and if you desaturate by 10%, it is **52.7950, 0.2975, 0.3124**.

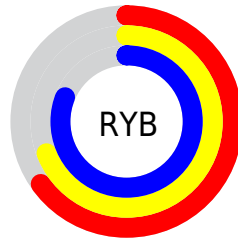
Distribution



Red (65%)

Green (70%)

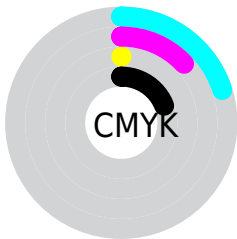
Blue (81%)



Red (65%)

Yellow (69%)

Blue (81%)

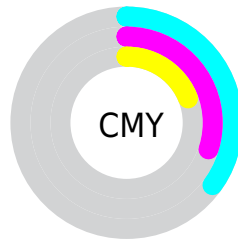


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (30%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6958, 0.2810, 0.2936 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 44.6958, 0.2810, 0.2936 by changing the saturation by 10% instead.

■ 44.6958, 0.2810,
0.2936

■ 44.6958, 0.2810,
0.2936

■ 365.5401, 0.2969,
0.3113

■ 31.2179, 0.2770,
0.2892

■ 82.2637, 0.2868,
0.3000

■ 20.7648, 0.2720,
0.2836

■ 107.1226, 0.2889,
0.3024

■ 12.9522, 0.2653,
0.2762

■ 136.5438, 0.2908,
0.3044

■ 7.3956, 0.2560,
0.2659

■ 170.9118, 0.2923,
0.3062

■ 3.7107, 0.2422,
0.2508

■ 210.6111, 0.2937,
0.3077

■ 1.5131, 0.2201,
0.2266

■ 256.0260, 0.2949,

■ 0.2979, 0.1478,

0.3090

0.1445

307.5409, 0.2959,
0.3102

0.0000, 0.0000,
0.0000

44.6958, 0.2810,
0.2936

44.6958, 0.2810,
0.2936

37.4909, 0.2637,
0.2728

52.7950, 0.2975,
0.3124

31.1425, 0.2459,
0.2500

61.8137, 0.3129,
0.3292

25.6179, 0.2282,
0.2258

71.7828, 0.3271,
0.3440

20.8800, 0.2111,
0.2005

82.7299, 0.3402,
0.3569

16.8887, 0.1954,
0.1752

92.1314, 0.3432,
0.3694

■ 13.5995, 0.1819,
0.1509

■ 97.2359, 0.3418,
0.3770

■ 10.9620, 0.1714,
0.1285

■ 8.8988, 0.1636,
0.1090

■ 8.8799, 0.1636,
0.1088

Harmonies

Analogous

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



44.6958, 0.2721, 0.3023



44.6958, 0.2810, 0.2936



44.6958, 0.2984, 0.2941

Triad

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



44.6958, 0.2810, 0.2936



44.6958, 0.3535, 0.3369



44.6958, 0.3043, 0.3571

Complementary

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



44.6958, 0.2810, 0.2936



53.5354, 0.3455, 0.3620

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.



44.6958, 0.3261, 0.3667



44.6958, 0.2810, 0.2936



44.6958, 0.3550, 0.3540

Square

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



44.6958, 0.2810, 0.2936



44.6958, 0.3406, 0.3186



44.6958, 0.3448, 0.3652



44.6958, 0.2852, 0.3391

Rectangle

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



44.6958, 0.2810, 0.2936



44.6958, 0.3128, 0.2993



44.6958, 0.3448, 0.3652



44.6958, 0.3115, 0.3614

Sweetspot

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



44.6976, 0.2810, 0.2936



90.9523, 0.3035, 0.3191



55.9297, 0.2924, 0.3474



19.2640, 0.3025, 0.3179



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.



44.6976, 0.2810, 0.2936



67.1112, 0.2735, 0.2847



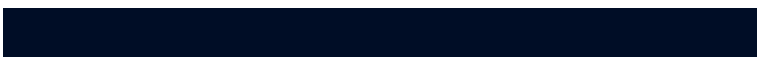
40.0438, 0.2849, 0.2754



11.4599, 0.2983, 0.3133



5.6313, 0.1643, 0.1114



0.4310, 0.1755, 0.1517

Inverse Universe

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



43.2883, 0.3388, 0.3117



64.6455, 0.3461, 0.3077



59.1144, 0.3375, 0.3790



11.2759, 0.3237, 0.3211



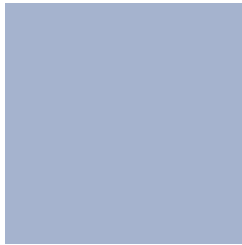
8.3715, 0.5590, 0.2853



0.4461, 0.5037, 0.2549

Previews

White Background



This preview shows how the Yxy color 44.6958, 0.2810, 0.2936 looks on a white background.

Color Contrast Check

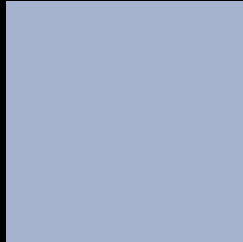
Large Text (above 18pt) WCAG AA × Fail

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 44.6958, 0.2810, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

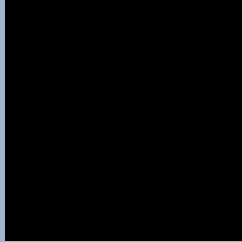
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6958, 0.2810, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 44.6958, 0.2810, 0.2936.



This preview shows how white text looks on a background with the Yxy color 44.6958, 0.2810, 0.2936.

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

44.6958, 0.2810, 0.2936

Protanopia

44.6882, 0.2885, 0.2940

Deuteranopia

44.7222, 0.2935, 0.2873



Tritanopia

44.7744, 0.2874, 0.3102

Trichromacy



Original Color

44.6958, 0.2810, 0.2936

Protanomaly

44.7946, 0.2855, 0.2939

Deuteranomaly

44.7858, 0.2887, 0.2893

Tritanomaly

44.6586, 0.2852, 0.3037

Monochromacy



Original Color

44.6958, 0.2810, 0.2936

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3559, 0.3006, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6958, 0.2810, 0.2936 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(165, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(165, 179, 206)  
}
```

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(165, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 179, 206) }
```

Border

The CSS property to change the border of an element to Yxy 44.6958, 0.2810, 0.2936 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(165, 179, 206) }
```

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

```
.border{ border-color:rgb(165, 179, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 179, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 179, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 179, 206);  
box-shadow:4px 4px 4px 4px rgb(165, 179,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6958, 0.2810, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 179, 206) }
```

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

```
.background{ background-color: rgb(165,  
179, 206) }
```

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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