

Converting Colors

$Yxy(44.3486, 0.2695, 0.2738)$

Have a look what the booklet for
Yxy(44.3486, 0.2695, 0.2738)
contains.

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Color

Yxy(44.3981, 0.2698, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	A3B1DC
RGB	163, 177, 220
RGB Percent	64%, 69%, 86%
CMY	0.3610, 0.3058, 0.1373
CMYK	0.26, 0.20, 0.00, 0.14
HSL	225°, 45%, 75%
HSV	225°, 26%, 86%
XYZ	43.7335, 44.3981, 73.9644
YIQ	177.7160, -22.1470, 10.4050

Conversions

Conversions Part 2

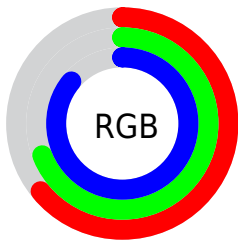
Format	Color
RYB	163, 174, 220
Decimal	10727900
CIELab	72.49, 4.57, -23.24
CIELCh	72, 23.682, 281.122
Yxy	44.3981, 0.2698, 0.2739
Android (android.graphics.Color)	4288917980 (0xFFA3B1DC)
YUV	177.7160, 20.8460, -12.9059
Hunter-Lab	66.6319, 0.5517, -19.1722

Details

The Yxy color **44.3981, 0.2698, 0.2739** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.9518, 0.3555, 0.3786**, and the grayscale version is **44.2555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5579, 0.2904, 0.3062**, and **20.6988, 0.2577, 0.2595** is the 20% darker color. If you saturate the color by 10%, you get **36.1236, 0.2513, 0.2484**, and if you desaturate by 10%, it is **53.8747, 0.2874, 0.2971**.

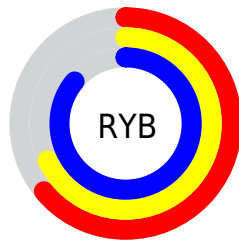
Distribution



Red (64%)

Green (69%)

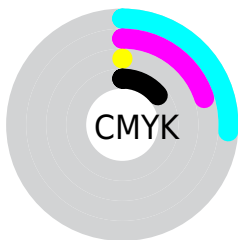
Blue (86%)



Red (64%)

Yellow (68%)

Blue (86%)

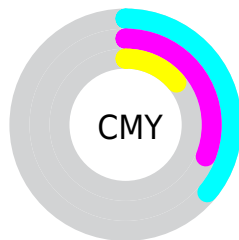


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (36%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3981, 0.2698, 0.2739 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 44.3981, 0.2698, 0.2739 by changing the saturation by 10% instead.

■ 44.3981, 0.2698,
0.2739

■ 44.3981, 0.2698,
0.2739

■ 364.3303, 0.2912,
0.3010

■ 30.9836, 0.2645,
0.2673

■ 81.8165, 0.2776,
0.2836

■ 20.5864, 0.2577,
0.2590

■ 106.5891, 0.2805,
0.2873

■ 12.8220, 0.2488,
0.2481

■ 135.9166, 0.2830,
0.2905

■ 7.3061, 0.2366,
0.2333

■ 170.1833, 0.2851,
0.2932

■ 3.6542, 0.2189,
0.2123

■ 209.7736, 0.2869,
0.2955

■ 1.4821, 0.1914,
0.1805

■ 255.0720, 0.2885,

■ 0.2761, 0.1276,

0.2976

0.0942

306.4628, 0.2900,
0.2994

0.0000, 0.0000,
0.0000

44.3981, 0.2698,
0.2739

44.3981, 0.2698,
0.2739

36.1236, 0.2513,
0.2484

53.8747, 0.2874,
0.2971

28.9966, 0.2323,
0.2211

64.5943, 0.3037,
0.3178

22.9660, 0.2136,
0.1926

76.6026, 0.3186,
0.3362

17.9747, 0.1961,
0.1642

89.9411, 0.3322,
0.3522

13.9599, 0.1808,
0.1371

97.9466, 0.3334,
0.3631

■ 10.8512, 0.1686,
0.1131

■ 8.5668, 0.1600,
0.0933

■ 7.8335, 0.1574,
0.0865

Harmonies

Analogous

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



44.3981, 0.2529, 0.2827



44.3981, 0.2698, 0.2739



44.3981, 0.2986, 0.2786

Triad

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



44.3981, 0.2698, 0.2739



44.3981, 0.3787, 0.3474



44.3981, 0.2908, 0.3669

Complementary

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



44.3981, 0.2698, 0.2739



61.9518, 0.3555, 0.3786

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.



44.3981, 0.3240, 0.3863



44.3981, 0.2698, 0.2739



44.3981, 0.3758, 0.3724

Square

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



44.3981, 0.2698, 0.2739



44.3981, 0.3627, 0.3196



44.3981, 0.3553, 0.3876



44.3981, 0.2644, 0.3359

Rectangle

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



44.3981, 0.2698, 0.2739



44.3981, 0.3214, 0.2885



44.3981, 0.3553, 0.3876



44.3981, 0.3015, 0.3752

Sweetspot

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



44.3999, 0.2698, 0.2739



86.9202, 0.3003, 0.3136



63.4021, 0.2831, 0.3466



18.1060, 0.2979, 0.3106



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.



44.3999, 0.2698, 0.2739



55.6830, 0.2600, 0.2606



40.7104, 0.2794, 0.2575



13.1368, 0.2981, 0.3109



4.7463, 0.1580, 0.0889



0.4435, 0.1668, 0.1203

Inverse Universe

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



44.5617, 0.3543, 0.3124



56.2522, 0.3659, 0.3088



66.9037, 0.3407, 0.3959



13.1040, 0.3253, 0.3232



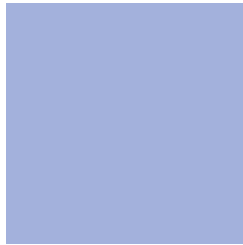
9.1029, 0.5929, 0.3040



0.6035, 0.5462, 0.2782

Previews

White Background



This preview shows how the Yxy color 44.3981, 0.2698, 0.2739 looks on a white background.

Color Contrast Check

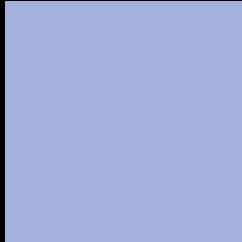
Large Text (above 18pt) WCAG AA × Fail

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 44.3981, 0.2698, 0.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

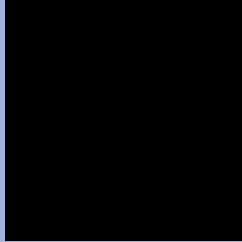
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3981, 0.2698, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 44.3981, 0.2698, 0.2739.



This preview shows how white text looks on a background with the Yxy color 44.3981, 0.2698, 0.2739.

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

44.3981, 0.2698, 0.2739

Protanopia

44.3806, 0.2733, 0.2742

Deuteranopia

44.3768, 0.2763, 0.2700



Tritanopia

44.3024, 0.2828, 0.3087

Trichromacy



Original Color

44.3981, 0.2698, 0.2739

Protanomaly

44.2721, 0.2726, 0.2740

Deuteranomaly

44.3154, 0.2734, 0.2708

Tritanomaly

44.5239, 0.2780, 0.2958

Monochromacy



Original Color

44.3981, 0.2698, 0.2739

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5753, 0.2968, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3981, 0.2698, 0.2739 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(163, 177, 220)` looks like.

```
.text, #text, p{  
    color:rgb(163, 177, 220)  
}
```

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(163, 177, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 177, 220) }
```

Border

The CSS property to change the border of an element to Yxy 44.3981, 0.2698, 0.2739 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(163, 177, 220) }
```

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

```
.border{ border-color:rgb(163, 177, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 177, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 177, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 177, 220);  
box-shadow:4px 4px 4px 4px rgb(163, 177,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3981, 0.2698, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 177, 220) }
```

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

```
.background{ background-color: rgb(163,  
177, 220) }
```

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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