

Converting Colors

$Yxy(44.2086, 0.2681, 0.2706)$

Have a look what the booklet for
Yxy(44.2086, 0.2681, 0.2706)
contains.

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Color

Yxy(44.1111, 0.2684, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	A3B0DE
RGB	163, 176, 222
RGB Percent	64%, 69%, 87%
CMY	0.3608, 0.3098, 0.1293
CMYK	0.27, 0.21, 0.00, 0.13
HSL	227°, 47%, 75%
HSV	227°, 27%, 87%
XYZ	43.8172, 44.1111, 75.3252
YIQ	177.3570, -22.5140, 11.5500

Conversions

Conversions Part 2

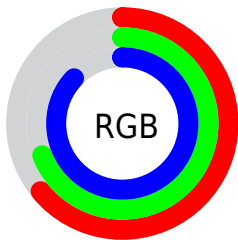
Format	Color
RYB	163, 174, 222
Decimal	10727646
CIELab	72.30, 5.64, -24.64
CIELCh	72, 25.275, 282.890
Yxy	44.1111, 0.2684, 0.2702
Android (android.graphics.Color)	4288917726 (0xFFA3B0DE)
YUV	177.3570, 22.0090, -12.5911
Hunter-Lab	66.4162, 1.5348, -20.7518

Details

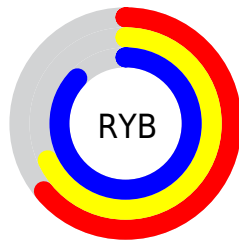
The Yxy color **44.1111, 0.2684, 0.2702** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.7923, 0.3562, 0.3816**, and the grayscale version is **44.0566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4319, 0.2903, 0.3041**, and **20.5203, 0.2559, 0.2547** is the 20% darker color. If you saturate the color by 10%, you get **35.6089, 0.2496, 0.2436**, and if you desaturate by 10%, it is **53.8943, 0.2862, 0.2944**.

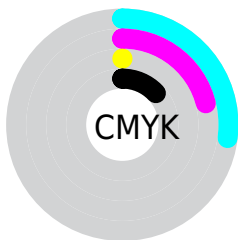
Distribution



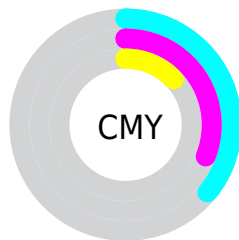
- Red (64%)
- Green (69%)
- Blue (87%)



- Red (64%)
- Yellow (68%)
- Blue (87%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1111, 0.2684, 0.2702 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 44.1111, 0.2684, 0.2702 by changing the saturation by 10% instead.

■ 44.1111, 0.2684,
0.2702

■ 44.1111, 0.2684,
0.2702

■ 363.1615, 0.2906,
0.2991

■ 30.7579, 0.2629,
0.2632

■ 81.3849, 0.2764,
0.2805

■ 20.4145, 0.2559,
0.2544

■ 106.0742, 0.2794,
0.2845

■ 12.6967, 0.2467,
0.2429

■ 135.3111, 0.2820,
0.2878

■ 7.2200, 0.2341,
0.2273

■ 169.4798, 0.2842,
0.2907

■ 3.6001, 0.2159,
0.2053

■ 208.9648, 0.2861,
0.2932

■ 1.4525, 0.1877,
0.1724

■ 254.1505, 0.2878,

■ 0.2549, 0.1246,

0.2954

0.0836

305.4212, 0.2892,
0.2973

0.0000, 0.0000,
0.0000

44.1111, 0.2684,
0.2702

44.1111, 0.2684,
0.2702

35.6089, 0.2496,
0.2436

53.8943, 0.2862,
0.2944

28.3283, 0.2303,
0.2152

65.0038, 0.3027,
0.3161

22.2131, 0.2113,
0.1858

77.4893, 0.3177,
0.3353

17.2005, 0.1936,
0.1567

91.3964, 0.3312,
0.3520

13.2212, 0.1783,
0.1294

98.0550, 0.3321,
0.3611

■ 10.1974, 0.1663,
0.1057

■ 8.0373, 0.1581,
0.0868

■ 7.4613, 0.1560,
0.0815

Harmonies

Analogous

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



44.1111, 0.2496, 0.2786



44.1111, 0.2684, 0.2702



44.1111, 0.2997, 0.2761

Triad

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



44.1111, 0.2684, 0.2702



44.1111, 0.3838, 0.3501



44.1111, 0.2873, 0.3680

Complementary

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



44.1111, 0.2684, 0.2702



63.7923, 0.3562, 0.3816

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.



44.1111, 0.3225, 0.3898



44.1111, 0.2684, 0.2702



44.1111, 0.3793, 0.3765

Square

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



44.1111, 0.2684, 0.2702



44.1111, 0.3678, 0.3206



44.1111, 0.3564, 0.3922



44.1111, 0.2599, 0.3342

Rectangle

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



44.1111, 0.2684, 0.2702



44.1111, 0.3241, 0.2870



44.1111, 0.3564, 0.3922



44.1111, 0.2986, 0.3771

Sweetspot

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



44.1129, 0.2684, 0.2702



86.6004, 0.3003, 0.3131



64.6068, 0.2819, 0.3459



18.0260, 0.2979, 0.3099



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.



44.1129, 0.2684, 0.2702



53.5704, 0.2578, 0.2554



41.0257, 0.2792, 0.2556



13.7301, 0.2981, 0.3102



4.5663, 0.1566, 0.0836



0.4489, 0.1645, 0.1121

Inverse Universe

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



44.8646, 0.3572, 0.3138



55.0784, 0.3703, 0.3104



68.0600, 0.3407, 0.3979



13.7497, 0.3258, 0.3239



9.3690, 0.6012, 0.3085



0.6628, 0.5580, 0.2847

Previews

White Background



This preview shows how the Yxy color 44.1111, 0.2684, 0.2702 looks on a white background.

Color Contrast Check

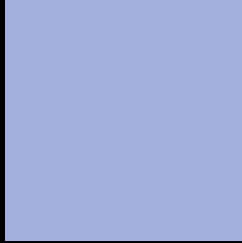
Large Text (above 18pt) WCAG AA × Fail

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 44.1111, 0.2684, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

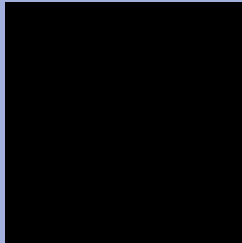
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1111, 0.2684, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 44.1111, 0.2684, 0.2702.



This preview shows how white text looks on a background with the Yxy color 44.1111, 0.2684, 0.2702.

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

44.1111, 0.2684, 0.2702

Protanopia

43.9874, 0.2711, 0.2704

Deuteranopia

44.2577, 0.2735, 0.2675



Tritanopia

44.2570, 0.2835, 0.3100

Trichromacy



Original Color

44.1111, 0.2684, 0.2702

Protanomaly

43.8797, 0.2704, 0.2703

Deuteranomaly

44.3125, 0.2713, 0.2684

Tritanomaly

44.1216, 0.2779, 0.2945

Monochromacy



Original Color

44.1111, 0.2684, 0.2702

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0652, 0.2959, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1111, 0.2684, 0.2702 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, 176, 222)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 222)  
}
```

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, 176, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 222) }
```

Border

The CSS property to change the border of an element to Yxy 44.1111, 0.2684, 0.2702 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, 176, 222) }
```

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

```
.border{ border-color:rgb(163, 176, 222) }
```

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

Here you see how a box with a 4 pixel rgb(163, 176, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 222);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1111, 0.2684, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 222) }
```

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

```
.background{ background-color: rgb(163,  
176, 222) }
```

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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