

Converting Colors

$Yxy(44.6734, 0.2943, 0.2885)$

Have a look what the booklet for
Yxy(44.6734, 0.2943, 0.2885)
contains.

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Color

Yxy(44.6734, 0.2943, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	B6AECE
RGB	182, 174, 206
RGB Percent	71%, 68%, 81%
CMY	0.2862, 0.3177, 0.1922
CMYK	0.12, 0.16, 0.00, 0.19
HSL	255°, 25%, 75%
HSV	255°, 16%, 81%
XYZ	45.5715, 44.6734, 64.6022
YIQ	180.0400, -5.5040, 11.6480

Conversions

Conversions Part 2

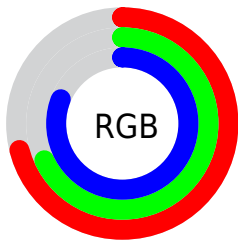
Format	Color
R _Y B	182, 174, 206
Decimal	11972302
CIE Lab	72.68, 9.12, -15.17
CIE LCh	73, 17.696, 301.004
Yxy	44.6734, 0.2943, 0.2885
Android (android.graphics.Color)	4290162382 (0xFFB6AECE)
YUV	180.0400, 12.7983, 1.7189
Hunter-Lab	66.8382, 4.7379, -10.5199

Details

The Yxy color $44.6734, 0.2943, 0.2885$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $59.1893, 0.3294, 0.3680$, and the grayscale version is $45.5992, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4358, 0.3026, 0.3030$, and $20.8532, 0.2886, 0.2776$ is the 20% darker color. If you saturate the color by 10%, you get $35.5414, 0.2802, 0.2590$, and if you desaturate by 10%, it is $55.2365, 0.3066, 0.3154$.

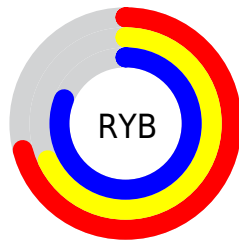
Distribution



Red (71%)

Green (68%)

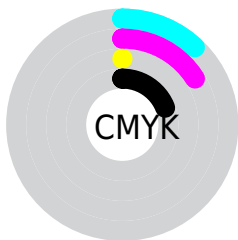
Blue (81%)



Red (71%)

Yellow (68%)

Blue (81%)

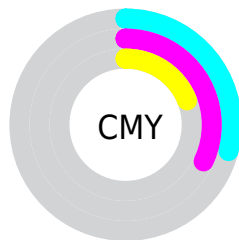


Cyan (12%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (29%)


Magenta (32%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6734, 0.2943, 0.2885 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 44.6734, 0.2943, 0.2885 by changing the saturation by 10% instead.

 44.6734, 0.2943,
0.2885

 44.6734, 0.2943,
0.2885


365.4492, 0.3037,
0.3084

 31.2003, 0.2919,
0.2836


 82.2301, 0.2977,
0.2957

 20.7514, 0.2888,
0.2775


107.0824, 0.2990,
0.2984

 12.9424, 0.2847,
0.2693


136.4966, 0.3001,
0.3007

 7.3889, 0.2789,
0.2583

170.8571, 0.3010,
0.3027

 3.7065, 0.2701,
0.2422

210.5482, 0.3018,
0.3044

 1.5108, 0.2554,
0.2171

255.9543, 0.3025,

 0.2963, 0.2244,

0.3059

0.1319

307.4598, 0.3031,
0.3072

0.0000, 0.0000,
0.0000

44.6734, 0.2943,
0.2885

44.6734, 0.2943,
0.2885

35.5414, 0.2802,
0.2590

55.2365, 0.3066,
0.3154

27.7727, 0.2645,
0.2274

67.2832, 0.3173,
0.3394

21.3024, 0.2473,
0.1947

80.8704, 0.3264,
0.3608

16.0582, 0.2294,
0.1621

95.1600, 0.3343,
0.3782

11.9604, 0.2114,
0.1317

97.2354, 0.3418,
0.3771

■ 8.9195, 0.1946,
0.1054

■ 6.8326, 0.1799,
0.0852

■ 5.5741, 0.1683,
0.0720

■ 5.1786, 0.1641,
0.0677

Harmonies

Analogous

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



44.6734, 0.2750, 0.2886



44.6734, 0.2943, 0.2885



44.6734, 0.3193, 0.2982

Triad

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



44.6734, 0.2943, 0.2885



44.6734, 0.3620, 0.3563



44.6734, 0.2824, 0.3425

Complementary

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



44.6734, 0.2943, 0.2885



59.1893, 0.3294, 0.3680

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.



44.6734, 0.3047, 0.3629



44.6734, 0.2943, 0.2885



44.6734, 0.3510, 0.3702

Square

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



44.6734, 0.2943, 0.2885



44.6734, 0.3592, 0.3363



44.6734, 0.3299, 0.3731



44.6734, 0.2683, 0.3188

Rectangle

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



44.6734, 0.2943, 0.2885



44.6734, 0.3359, 0.3090



44.6734, 0.3299, 0.3731



44.6734, 0.2891, 0.3501

Sweetspot

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



44.6753, 0.2943, 0.2885



90.3672, 0.3072, 0.3165



53.8359, 0.2890, 0.3189



19.0632, 0.3063, 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.



44.6753, 0.2943, 0.2885



66.6446, 0.2893, 0.2779



46.7303, 0.3077, 0.2901



10.9779, 0.3021, 0.3053



3.2286, 0.1653, 0.0684



0.2036, 0.1862, 0.0799

Inverse Universe

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



47.4652, 0.3211, 0.3002



72.1287, 0.3234, 0.2931



57.1348, 0.3169, 0.3695



11.3537, 0.3175, 0.3118



9.5382, 0.3960, 0.1955



0.5038, 0.3783, 0.1857

Previews

White Background



This preview shows how the Yxy color 44.6734, 0.2943, 0.2885 looks on a white background.

Color Contrast Check

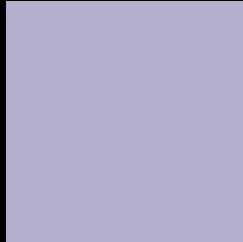
Large Text (above 18pt) WCAG AA × Fail

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 44.6734, 0.2943, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

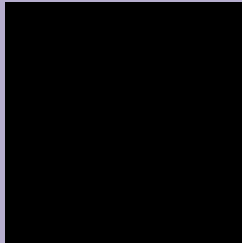
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6734, 0.2943, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 44.6734, 0.2943, 0.2885.



This preview shows how white text looks on a background with the Yxy color 44.6734, 0.2943, 0.2885.

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

44.6734, 0.2943, 0.2885

Protanopia

44.7690, 0.2849, 0.2891

Deuteranopia

44.6734, 0.2943, 0.2885



Tritanopia

44.7896, 0.3033, 0.3107

Trichromacy



Original Color

44.6734, 0.2943, 0.2885

Protanomaly

44.7858, 0.2887, 0.2893

Deuteranomaly

44.6734, 0.2943, 0.2885

Tritanomaly

44.7395, 0.3003, 0.3032

Monochromacy



Original Color

44.6734, 0.2943, 0.2885

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3387, 0.3065, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6734, 0.2943, 0.2885 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(182, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 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(182, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 206) }
```

Border

The CSS property to change the border of an element to Yxy 44.6734, 0.2943, 0.2885 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(182, 174, 206) }
```

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

```
.border{ border-color:rgb(182, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6734, 0.2943, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 206) }
```

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

```
.background{ background-color: rgb(182,  
174, 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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