

Converting Colors

$Yxy(43.7723, 0.2768, 0.2708)$

Have a look what the booklet for
Yxy(43.7723, 0.2768, 0.2708)
contains.

Yxy(43.7723, 0.2768, 0.2708)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7723, 0.2768, 0.2708)

Conversions

Conversions Part 1

Format	Color
Hex	ACADDB
RGB	172, 173, 219
RGB Percent	67%, 68%, 86%
CMY	0.3256, 0.3215, 0.1411
CMYK	0.21, 0.21, 0.00, 0.14
HSL	239°, 40%, 77%
HSV	239°, 21%, 86%
XYZ	44.7421, 43.7723, 73.1263
YIQ	177.9450, -15.3620, 14.0940

Conversions

Conversions Part 2

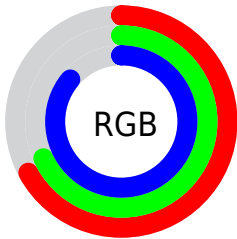
Format	Color
RYB	172, 173, 219
Decimal	11316699
CIELab	72.08, 9.31, -23.29
CIELCh	72, 25.084, 291.796
Yxy	43.7723, 0.2768, 0.2708
Android (android.graphics.Color)	4289506779 (0xFFACADDB)
YUV	177.9450, 20.2401, -5.2138
Hunter-Lab	66.1606, 4.9322, -19.2198

Details

The Yxy color **43.7723, 0.2768, 0.2708** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.1850, 0.3452, 0.3812**, and the grayscale version is **44.3873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2008, 0.2960, 0.3014**, and **20.2770, 0.2665, 0.2556** is the 20% darker color. If you saturate the color by 10%, you get **33.9283, 0.2571, 0.2387**, and if you desaturate by 10%, it is **55.3458, 0.2947, 0.2998**.

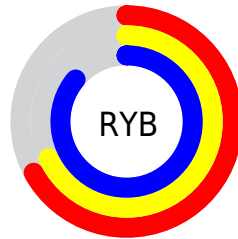
Distribution



Red (67%)

Green (68%)

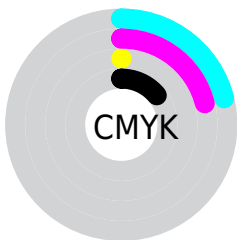
Blue (86%)



Red (67%)

Yellow (68%)

Blue (86%)

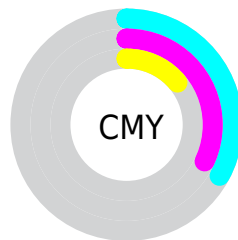


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (14%)



Cyan (33%)

Magenta (32%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7723, 0.2768, 0.2708 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 43.7723, 0.2768, 0.2708 by changing the saturation by 10% instead.

■ 43.7723, 0.2768,
0.2708

■ 43.7723, 0.2768,
0.2708

361.7783, 0.2949,
0.2993

■ 30.4915, 0.2723,
0.2639

■ 80.8750, 0.2834,
0.2810

■ 20.2120, 0.2664,
0.2552

105.4657, 0.2859,
0.2849

■ 12.5492, 0.2587,
0.2439

134.5952, 0.2880,
0.2882

■ 7.1189, 0.2480,
0.2287

168.6479, 0.2898,
0.2910

■ 3.5366, 0.2323,
0.2071

208.0082, 0.2913,
0.2935

■ 1.4179, 0.2074,
0.1747

253.0604, 0.2927,

■ 0.2298, 0.1551,

0.2956

0.0800

304.1890, 0.2939,
0.2976

0.0000, 0.0000,
0.0000

43.7723, 0.2768,
0.2708

43.7723, 0.2768,
0.2708

33.9283, 0.2571,
0.2387

55.3458, 0.2947,
0.2998

25.7258, 0.2361,
0.2044

68.7204, 0.3105,
0.3255

19.0770, 0.2147,
0.1692

83.9706, 0.3244,
0.3479

13.8841, 0.1943,
0.1355

97.8959, 0.3339,
0.3641

10.0379, 0.1765,
0.1058

■ 7.4140, 0.1628,
0.0826

■ 5.8650, 0.1541,
0.0677

■ 5.2196, 0.1503,
0.0611

Harmonies

Analogous

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



43.7723, 0.2539, 0.2748



43.7723, 0.2768, 0.2708



43.7723, 0.3104, 0.2806

Triad

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



43.7723, 0.2768, 0.2708



43.7723, 0.3843, 0.3585



43.7723, 0.2782, 0.3585

Complementary

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



43.7723, 0.2768, 0.2708



68.1850, 0.3452, 0.3812

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.



43.7723, 0.3118, 0.3849



43.7723, 0.2768, 0.2708



43.7723, 0.3739, 0.3824

Square

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



43.7723, 0.2768, 0.2708



43.7723, 0.3742, 0.3293



43.7723, 0.3469, 0.3932



43.7723, 0.2546, 0.3239

Rectangle

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



43.7723, 0.2768, 0.2708



43.7723, 0.3349, 0.2935



43.7723, 0.3469, 0.3932



43.7723, 0.2886, 0.3688

Sweetspot

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



43.7741, 0.2768, 0.2708



88.0329, 0.3035, 0.3142



64.4790, 0.2818, 0.3308



18.5762, 0.3025, 0.3125



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.



43.7741, 0.2768, 0.2708



54.8908, 0.2677, 0.2559



46.0743, 0.2942, 0.2724



12.6624, 0.2981, 0.3054



3.1148, 0.1504, 0.0615



0.2182, 0.1517, 0.0659

Inverse Universe

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



47.5792, 0.3550, 0.3279



61.2504, 0.3674, 0.3277



65.5348, 0.3282, 0.3853



13.0561, 0.3288, 0.3285



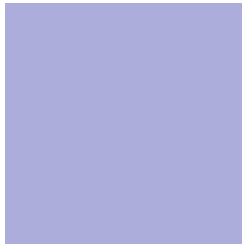
8.9382, 0.6376, 0.3286



0.5807, 0.6301, 0.3245

Previews

White Background



This preview shows how the Yxy color 43.7723, 0.2768, 0.2708 looks on a white background.

Color Contrast Check

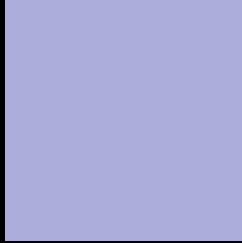
Large Text (above 18pt) WCAG AA × Fail

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 43.7723, 0.2768, 0.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

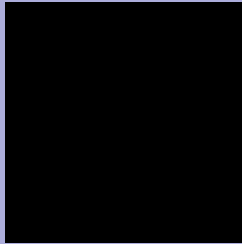
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7723, 0.2768, 0.2708

Background



This preview shows how black text looks on a background with the Yxy color 43.7723, 0.2768, 0.2708.



This preview shows how white text looks on a background with the Yxy color 43.7723, 0.2768, 0.2708.

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

43.7723, 0.2768, 0.2708

Protanopia

43.9342, 0.2718, 0.2716

Deuteranopia

43.7723, 0.2768, 0.2708



Tritanopia

43.8621, 0.2926, 0.3102

Trichromacy



Original Color

43.7723, 0.2768, 0.2708

Protanomaly

43.7642, 0.2732, 0.2705

Deuteranomaly

43.7723, 0.2768, 0.2708

Tritanomaly

43.7500, 0.2868, 0.2949

Monochromacy



Original Color

43.7723, 0.2768, 0.2708

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1310, 0.2992, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7723, 0.2768, 0.2708 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(172, 173, 219)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 219)  
}
```

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(172, 173, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 219) }
```

Border

The CSS property to change the border of an element to Yxy 43.7723, 0.2768, 0.2708 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(172, 173, 219) }
```

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

```
.border{ border-color:rgb(172, 173, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 173, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 219);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7723, 0.2768, 0.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 219) }
```

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

```
.background{ background-color: rgb(172,  
173, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor