

Converting Colors

$Yxy(43.7291, 0.2764, 0.2869)$

Have a look what the booklet for
Yxy(43.7291, 0.2764, 0.2869)
contains.

Yxy(43.7291, 0.2764, 0.2869)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7291, 0.2764, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	A2B1D1
RGB	162, 177, 209
RGB Percent	64%, 69%, 82%
CMY	0.3648, 0.3058, 0.1803
CMYK	0.23, 0.15, 0.00, 0.18
HSL	221°, 34%, 73%
HSV	221°, 23%, 82%
XYZ	42.1287, 43.7291, 66.5615
YIQ	176.1630, -19.2120, 6.7720

Conversions

Conversions Part 2

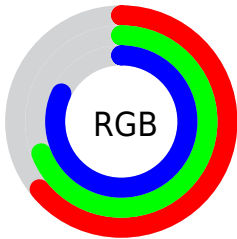
Format	Color
R _{YB}	162, 173, 209
Decimal	10662353
CIE Lab	72.05, 1.71, -17.93
CIE LCh	72, 18.016, 275.457
Yxy	43.7291, 0.2764, 0.2869
Android (android.graphics.Color)	4288852433 (0xFFA2B1D1)
YUV	176.1630, 16.1886, -12.4210
Hunter-Lab	66.1280, -2.0055, -13.3891

Details

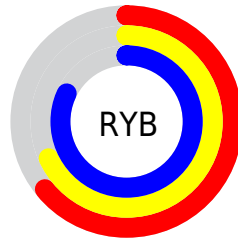
The Yxy color $43.7291, 0.2764, 0.2869$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $54.7461, 0.3501, 0.3678$, and the grayscale version is $43.4258, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.2495, 0.2892, 0.3061$, and $20.3488, 0.2662, 0.2752$ is the 20% darker color. If you saturate the color by 10%, you get $36.3921, 0.2588, 0.2648$, and if you desaturate by 10%, it is $52.0190, 0.2932, 0.3069$.

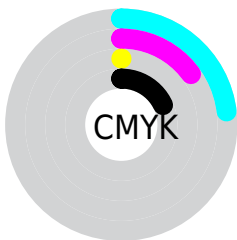
Distribution



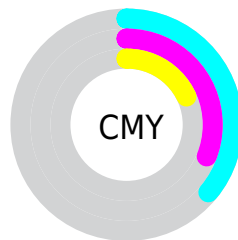
- Red (64%)
- Green (69%)
- Blue (82%)



- Red (64%)
- Yellow (68%)
- Blue (82%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7291, 0.2764, 0.2869 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 43.7291, 0.2764, 0.2869 by changing the saturation by 10% instead.

■ 43.7291, 0.2764,
0.2869

■ 43.7291, 0.2764,
0.2869

361.6017, 0.2946,
0.3079

■ 30.4576, 0.2719,
0.2817

■ 80.8099, 0.2830,
0.2945

■ 20.1862, 0.2660,
0.2751

■ 105.3881, 0.2855,
0.2974

■ 12.5304, 0.2583,
0.2663

134.5039, 0.2876,
0.2998

■ 7.1060, 0.2476,
0.2542

168.5417, 0.2894,
0.3019

■ 3.5285, 0.2319,
0.2365

207.8861, 0.2910,
0.3037

■ 1.4135, 0.2067,
0.2085

252.9212, 0.2923,

■ 0.2266, 0.1231,

0.3053

0.1084

304.0316, 0.2935,
0.3067

0.0000, 0.0000,
0.0000

43.7291, 0.2764,
0.2869

43.7291, 0.2764,
0.2869

36.3921, 0.2588,
0.2648

52.0190, 0.2932,
0.3069

29.9670, 0.2407,
0.2408

61.2904, 0.3089,
0.3248

24.4172, 0.2227,
0.2153

71.5771, 0.3235,
0.3406

19.7016, 0.2056,
0.1892

82.9096, 0.3368,
0.3545

15.7753, 0.1902,
0.1634

93.0739, 0.3411,
0.3676

■ 12.5883, 0.1773,
0.1390

■ 97.3850, 0.3399,
0.3740

■ 10.0835, 0.1675,
0.1172

■ 8.5967, 0.1620,
0.1031

Harmonies

Analogous

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



43.7291, 0.2652, 0.2962



43.7291, 0.2764, 0.2869



43.7291, 0.2974, 0.2884

Triad

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



43.7291, 0.2764, 0.2869



43.7291, 0.3618, 0.3397



43.7291, 0.3008, 0.3612

Complementary

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



43.7291, 0.2764, 0.2869



54.7461, 0.3501, 0.3678

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.



43.7291, 0.3266, 0.3736



43.7291, 0.2764, 0.2869



43.7291, 0.3624, 0.3596

Square

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



43.7291, 0.2764, 0.2869



43.7291, 0.3472, 0.3181



43.7291, 0.3493, 0.3725



43.7291, 0.2788, 0.3392

Rectangle

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



43.7291, 0.2764, 0.2869



43.7291, 0.3146, 0.2950



43.7291, 0.3493, 0.3725



43.7291, 0.3093, 0.3667

Sweetspot

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



43.7309, 0.2764, 0.2869



89.2648, 0.3019, 0.3169



57.1599, 0.2893, 0.3491



18.9162, 0.3009, 0.3158



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.



43.7309, 0.2764, 0.2869



62.8654, 0.2680, 0.2765



38.9590, 0.2813, 0.2675



12.0257, 0.2982, 0.3127



5.4573, 0.1627, 0.1056



0.4476, 0.1731, 0.1432

Inverse Universe

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



42.5636, 0.3441, 0.3106



61.0028, 0.3528, 0.3064



60.6674, 0.3401, 0.3859



11.8696, 0.3241, 0.3216



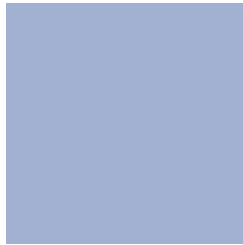
8.6222, 0.5675, 0.2900



0.4965, 0.5149, 0.2610

Previews

White Background



This preview shows how the Yxy color 43.7291, 0.2764, 0.2869 looks on a white background.

Color Contrast Check

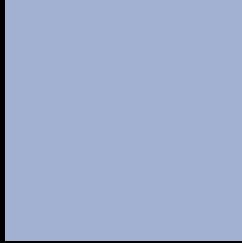
Large Text (above 18pt) WCAG AA × Fail

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 43.7291, 0.2764, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

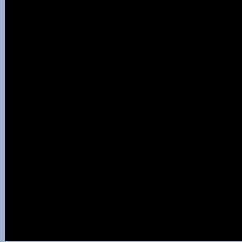
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

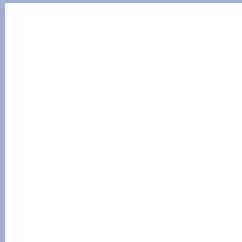
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7291, 0.2764, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 43.7291, 0.2764, 0.2869.



This preview shows how white text looks on a background with the Yxy color 43.7291, 0.2764, 0.2869.

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

43.7291, 0.2764, 0.2869

Protanopia

43.7601, 0.2832, 0.2862

Deuteranopia

43.5053, 0.2871, 0.2806



Tritanopia

43.9085, 0.2849, 0.3100

Trichromacy



Original Color

43.7291, 0.2764, 0.2869

Protanomaly

43.8202, 0.2809, 0.2873

Deuteranomaly

43.6959, 0.2832, 0.2827

Tritanomaly

43.8373, 0.2821, 0.3021

Monochromacy



Original Color

43.7291, 0.2764, 0.2869

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3394, 0.2989, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7291, 0.2764, 0.2869 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(162, 177, 209)` looks like.

```
.text, #text, p{  
    color:rgb(162, 177, 209)  
}
```

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(162, 177, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 177, 209) }
```

Border

The CSS property to change the border of an element to Yxy 43.7291, 0.2764, 0.2869 is called "border". The border property can be set on classes, ids or directly on the HTML element.

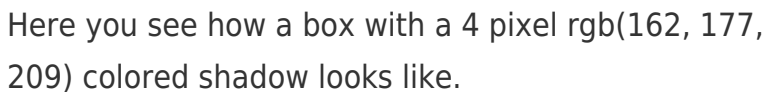
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 177, 209) }
```

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

```
.border{ border-color:rgb(162, 177, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 177, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 177, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 177, 209);  
box-shadow:4px 4px 4px 4px rgb(162, 177,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7291, 0.2764, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 177, 209) }
```

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

```
.background{ background-color: rgb(162,  
177, 209) }
```

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