

Converting Colors

$Yxy(48.1913, 0.2770, 0.2808)$

Have a look what the booklet for
Yxy(48.1913, 0.2770, 0.2808)
contains.

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Color

Yxy(48.1396, 0.2772, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	AEB7DE
RGB	174, 183, 222
RGB Percent	68%, 72%, 87%
CMY	0.3177, 0.2823, 0.1293
CMYK	0.22, 0.18, 0.00, 0.13
HSL	229°, 42%, 78%
HSV	229°, 22%, 87%
XYZ	47.5733, 48.1396, 75.9078
YIQ	184.7550, -17.8830, 10.2210

Conversions

Conversions Part 2

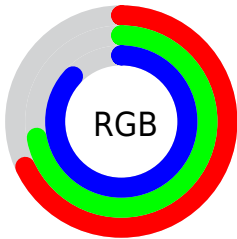
Format	Color
RYB	174, 182, 222
Decimal	11450334
CIELab	74.91, 5.12, -20.59
CIElCh	75, 21.221, 283.969
Yxy	48.1396, 0.2772, 0.2805
Android (android.graphics.Color)	4289640414 (0xFFAEB7DE)
YUV	184.7550, 18.3618, -9.4321
Hunter-Lab	69.3827, 0.9714, -16.2981

Details

The Yxy color $48.1396, 0.2772, 0.2805$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $66.1781, 0.3472, 0.3732$, and the grayscale version is $48.2763, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.7760, 0.2974, 0.3128$, and $22.8202, 0.2674, 0.2671$ is the 20% darker color. If you saturate the color by 10%, you get $38.8303, 0.2586, 0.2539$, and if you desaturate by 10%, it is $58.8274, 0.2945, 0.3045$.

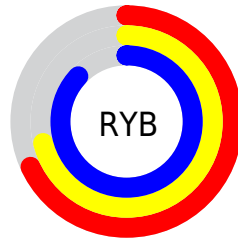
Distribution



Red (68%)

Green (72%)

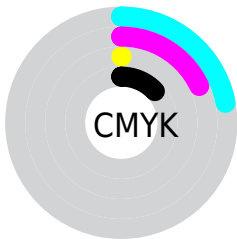
Blue (87%)



Red (68%)

Yellow (71%)

Blue (87%)

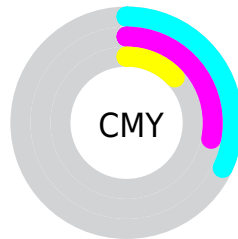


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (13%)



Cyan (32%)

Magenta (28%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1396, 0.2772, 0.2805 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 48.1396, 0.2772, 0.2805 by changing the saturation by 10% instead.

■ 48.1396, 0.2772,
0.2805

■ 48.1396, 0.2772,
0.2805

379.3452, 0.2948,
0.3041

■ 33.9375, 0.2729,
0.2748

■ 87.4122, 0.2835,
0.2889

■ 22.8456, 0.2674,
0.2677

113.2515, 0.2859,
0.2921

■ 14.4795, 0.2602,
0.2584

143.7386, 0.2880,
0.2949

■ 8.4549, 0.2504,
0.2458

179.2579, 0.2897,
0.2972

■ 4.3874, 0.2363,
0.2281

220.1938, 0.2912,
0.2993

■ 1.8925, 0.2143,
0.2014

266.9307, 0.2926,

■ 0.5439, 0.1754,

0.3011

0.1486

319.8531, 0.2937,
0.3027

0.0000, 0.0000,
0.0000

48.1396, 0.2772,
0.2805

48.1396, 0.2772,
0.2805

38.8303, 0.2586,
0.2539

58.8274, 0.2945,
0.3045

30.8369, 0.2392,
0.2252

70.9409, 0.3103,
0.3258

24.1008, 0.2196,
0.1950

84.5327, 0.3245,
0.3444

18.5564, 0.2007,
0.1647

98.0552, 0.3321,
0.3611

14.1322, 0.1838,
0.1357

■ 10.7484, 0.1699,
0.1100

■ 8.3137, 0.1599,
0.0892

■ 6.9098, 0.1545,
0.0762

Harmonies

Analogous

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



48.1396, 0.2611, 0.2874



48.1396, 0.2772, 0.2805



48.1396, 0.3033, 0.2856

Triad

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



48.1396, 0.2772, 0.2805



48.1396, 0.3707, 0.3477



48.1396, 0.2912, 0.3596

Complementary

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



48.1396, 0.2772, 0.2805



66.1781, 0.3472, 0.3732

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.



48.1396, 0.3200, 0.3777



48.1396, 0.2772, 0.2805



48.1396, 0.3666, 0.3689

Square

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



48.1396, 0.2772, 0.2805



48.1396, 0.3582, 0.3232



48.1396, 0.3478, 0.3806



48.1396, 0.2688, 0.3325

Rectangle

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



48.1396, 0.2772, 0.2805



48.1396, 0.3233, 0.2949



48.1396, 0.3478, 0.3806



48.1396, 0.3004, 0.3671

Sweetspot

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



48.1416, 0.2772, 0.2805



89.5390, 0.3035, 0.3167



66.0266, 0.2863, 0.3405



18.9308, 0.3025, 0.3153



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.



48.1416, 0.2772, 0.2805



59.8445, 0.2689, 0.2687



46.2828, 0.2876, 0.2708



13.6577, 0.2981, 0.3094



4.2228, 0.1551, 0.0782



0.4147, 0.1625, 0.1050

Inverse Universe

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



49.2184, 0.3483, 0.3186



61.7504, 0.3581, 0.3162



68.6644, 0.3343, 0.3847



13.7424, 0.3263, 0.3246



9.3343, 0.6099, 0.3133



0.6593, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 48.1396, 0.2772, 0.2805 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 48.1396, 0.2772, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

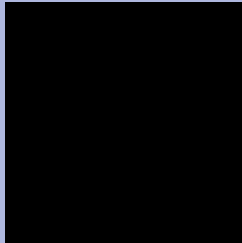
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1396, 0.2772, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 48.1396, 0.2772, 0.2805.



This preview shows how white text looks on a background with the Yxy color 48.1396, 0.2772, 0.2805.

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

48.1396, 0.2772, 0.2805

Protanopia

48.3710, 0.2787, 0.2807

Deuteranopia

48.0375, 0.2831, 0.2766



Tritanopia

48.3037, 0.2889, 0.3108

Trichromacy



Original Color

48.1396, 0.2772, 0.2805

Protanomaly

48.2549, 0.2780, 0.2806

Deuteranomaly

48.0788, 0.2809, 0.2775

Tritanomaly

48.3792, 0.2840, 0.2996

Monochromacy



Original Color

48.1396, 0.2772, 0.2805

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1820, 0.2996, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1396, 0.2772, 0.2805 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(174, 183, 222)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 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(174, 183, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 222) }
```

Border

The CSS property to change the border of an element to Yxy 48.1396, 0.2772, 0.2805 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(174, 183, 222) }
```

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

```
.border{ border-color:rgb(174, 183, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 183, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 222);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1396, 0.2772, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 222) }
```

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

```
.background{ background-color: rgb(174,  
183, 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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