

Converting Colors

Yxy(47.7134, 0.2677, 0.2710)

Have a look what the booklet for
Yxy(47.7134, 0.2677, 0.2710)
contains.

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Color

Yxy(47.7396, 0.2677, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	A7B7E5
RGB	167, 183, 229
RGB Percent	65%, 72%, 90%
CMY	0.3450, 0.2824, 0.1019
CMYK	0.27, 0.20, 0.00, 0.10
HSL	225°, 54%, 78%
HSV	225°, 27%, 90%
XYZ	47.0195, 47.7396, 80.8833
YIQ	183.4600, -24.3020, 10.9140

Conversions

Conversions Part 2

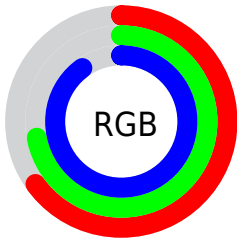
Format	Color
R _Y B	167, 180, 229
Decimal	10991589
CIE Lab	74.66, 4.66, -24.82
CIE LCh	75, 25.256, 280.644
Yxy	47.7396, 0.2677, 0.2718
Android (android.graphics.Color)	4289181669 (0xFFA7B7E5)
YUV	183.4600, 22.4512, -14.4354
Hunter-Lab	69.0938, 0.5579, -21.0409

Details

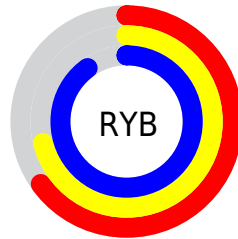
The Yxy color **47.7396, 0.2677, 0.2718** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.0724, 0.3578, 0.3803**, and the grayscale version is **47.5077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6410, 0.2931, 0.3126**, and **22.5598, 0.2561, 0.2571** is the 20% darker color. If you saturate the color by 10%, you get **38.8675, 0.2492, 0.2464**, and if you desaturate by 10%, it is **57.9047, 0.2854, 0.2950**.

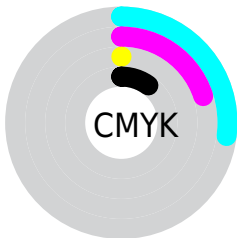
Distribution



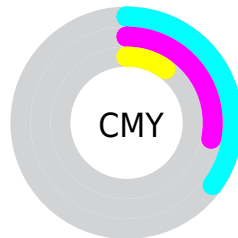
- Red (65%)
- Green (72%)
- Blue (90%)



- Red (65%)
- Yellow (71%)
- Blue (90%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (35%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7396, 0.2677, 0.2718 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 47.7396, 0.2677, 0.2718 by changing the saturation by 10% instead.

■ 47.7396, 0.2677,
0.2718

■ 47.7396, 0.2677,
0.2718

■ 377.7590, 0.2899,
0.2996

■ 33.6207, 0.2623,
0.2652

■ 86.8166, 0.2757,
0.2817

■ 22.6024, 0.2555,
0.2568

■ 112.5434, 0.2787,
0.2855

■ 14.3002, 0.2466,
0.2460

■ 142.9084, 0.2812,
0.2887

■ 8.3297, 0.2345,
0.2316

■ 178.2960, 0.2835,
0.2915

■ 4.3067, 0.2173,
0.2113

■ 219.0904, 0.2854,
0.2939

■ 1.8465, 0.1914,
0.1815

■ 265.6761, 0.2871,

■ 0.5159, 0.1465,

0.2960

0.1251

318.4375, 0.2886,
0.2979

0.0000, 0.0000,
0.0000

47.7396, 0.2677,
0.2718

47.7396, 0.2677,
0.2718

38.8675, 0.2492,
0.2464

57.9047, 0.2854,
0.2950

31.2295, 0.2303,
0.2192

69.4073, 0.3019,
0.3158

24.7699, 0.2117,
0.1910

82.2967, 0.3170,
0.3341

19.4269, 0.1945,
0.1628

95.9212, 0.3284,
0.3504

15.1320, 0.1796,
0.1362

98.4386, 0.3279,
0.3542

■ 11.8084, 0.1679,
0.1125

■ 9.3641, 0.1598,
0.0931

■ 8.7841, 0.1579,
0.0883

Harmonies

Analogous

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



47.7396, 0.2504, 0.2811



47.7396, 0.2677, 0.2718



47.7396, 0.2975, 0.2765

Triad

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



47.7396, 0.2677, 0.2718



47.7396, 0.3814, 0.3476



47.7396, 0.2904, 0.3690

Complementary

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



47.7396, 0.2677, 0.2718



67.0724, 0.3578, 0.3803

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.



47.7396, 0.3250, 0.3890



47.7396, 0.2677, 0.2718



47.7396, 0.3785, 0.3737

Square

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



47.7396, 0.2677, 0.2718



47.7396, 0.3644, 0.3187



47.7396, 0.3574, 0.3899



47.7396, 0.2628, 0.3367

Rectangle

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



47.7396, 0.2677, 0.2718



47.7396, 0.3211, 0.2866



47.7396, 0.3574, 0.3899



47.7396, 0.3015, 0.3775

Sweetspot

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



47.7415, 0.2677, 0.2718



87.0480, 0.3003, 0.3138



69.0499, 0.2825, 0.3488



18.1380, 0.2979, 0.3108



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.



47.7415, 0.2677, 0.2718



54.9176, 0.2583, 0.2591



43.1901, 0.2768, 0.2536



14.4874, 0.2981, 0.3110



5.1858, 0.1586, 0.0907



0.5303, 0.1663, 0.1187

Inverse Universe

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



47.7288, 0.3562, 0.3108



55.2144, 0.3675, 0.3072



73.2245, 0.3427, 0.3990



14.4286, 0.3252, 0.3230



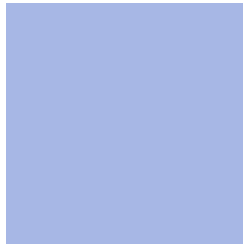
9.7212, 0.5900, 0.3024



0.7332, 0.5485, 0.2795

Previews

White Background



This preview shows how the Yxy color 47.7396, 0.2677, 0.2718 looks on a white background.

Color Contrast Check

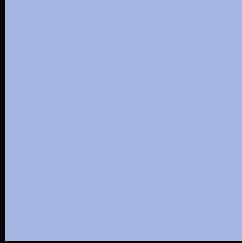
Large Text (above 18pt) WCAG AA × Fail

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 47.7396, 0.2677, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

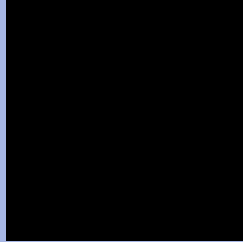
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7396, 0.2677, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 47.7396, 0.2677, 0.2718.



This preview shows how white text looks on a background with the Yxy color 47.7396, 0.2677, 0.2718.

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

47.7396, 0.2677, 0.2718

Protanopia

47.8280, 0.2718, 0.2722

Deuteranopia

47.7028, 0.2739, 0.2681



Tritanopia

47.9596, 0.2816, 0.3093

Trichromacy



Original Color

47.7396, 0.2677, 0.2718

Protanomaly

47.6034, 0.2703, 0.2720

Deuteranomaly

47.6452, 0.2711, 0.2689

Tritanomaly

47.7638, 0.2768, 0.2955

Monochromacy



Original Color

47.7396, 0.2677, 0.2718

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3842, 0.2949, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7396, 0.2677, 0.2718 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(167, 183, 229)` looks like.

```
.text, #text, p{  
    color:rgb(167, 183, 229)  
}
```

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(167, 183, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 183, 229) }
```

Border

The CSS property to change the border of an element to Yxy 47.7396, 0.2677, 0.2718 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(167, 183, 229) }
```

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

```
.border{ border-color:rgb(167, 183, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 183, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 183, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 183, 229);  
box-shadow:4px 4px 4px 4px rgb(167, 183,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7396, 0.2677, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 183, 229) }
```

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

```
.background{ background-color: rgb(167,  
183, 229) }
```

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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