

Converting Colors

$Yxy(47.9377, 0.2641, 0.2589)$

Have a look what the booklet for
Yxy(47.9377, 0.2641, 0.2589)
contains.

Yxy(47.9377, 0.2641, 0.2589)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.9377, 0.2641, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	ABB5EF
RGB	171, 181, 239
RGB Percent	67%, 71%, 94%
CMY	0.3293, 0.2902, 0.0628
CMYK	0.28, 0.24, 0.00, 0.06
HSL	231°, 68%, 80%
HSV	231°, 28%, 94%
XYZ	48.9005, 47.9377, 88.3209
YIQ	184.6220, -24.5780, 15.9180

Conversions

Conversions Part 2

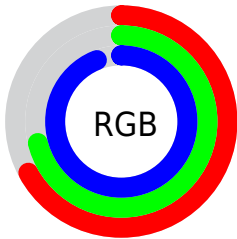
Format	Color
R _Y B	171, 180, 239
Decimal	11253231
CIE Lab	74.79, 9.33, -30.00
CIE LCh	75, 31.413, 287.277
Yxy	47.9377, 0.2641, 0.2589
Android (android.graphics.Color)	4289443311 (0xFFABB5EF)
YUV	184.6220, 26.8084, -11.9465
Hunter-Lab	69.2371, 4.9056, -27.1662

Details

The Yxy color $47.9377, 0.2641, 0.2589$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $77.3343, 0.3584, 0.3905$, and the grayscale version is $48.1569, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1193, 0.2955, 0.3107$, and $22.6391, 0.2506, 0.2404$ is the 20% darker color. If you saturate the color by 10%, you get $37.7987, 0.2444, 0.2292$, and if you desaturate by 10%, it is $59.7794, 0.2826, 0.2862$.

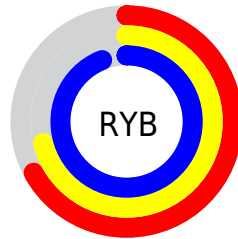
Distribution



Red (67%)

Green (71%)

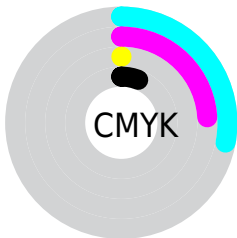
Blue (94%)



Red (67%)

Yellow (71%)

Blue (94%)

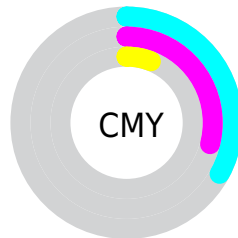


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9377, 0.2641, 0.2589 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 47.9377, 0.2641, 0.2589 by changing the saturation by 10% instead.

■ 47.9377, 0.2641,
0.2589

■ 47.9377, 0.2641,
0.2589

378.5451, 0.2881,
0.2924

■ 33.7776, 0.2583,
0.2510

■ 87.1116, 0.2727,
0.2707

■ 22.7228, 0.2510,
0.2412

112.8942, 0.2760,
0.2753

■ 14.3889, 0.2414,
0.2287

143.3197, 0.2787,
0.2792

■ 8.3917, 0.2286,
0.2122

178.7726, 0.2811,
0.2825

■ 4.3466, 0.2106,
0.1897

219.6371, 0.2832,
0.2855

■ 1.8693, 0.1838,
0.1577

266.2978, 0.2850,

■ 0.5298, 0.1422,

0.2881

0.1030

319.1390, 0.2866,
0.2904


 0.0000, 0.0000,
0.0000


 47.9377, 0.2641,
0.2589

 47.9377, 0.2641,
0.2589


 37.7987, 0.2444,
0.2292


 59.7794, 0.2826,
0.2862


 29.2780, 0.2242,
0.1978


 73.3917, 0.2997,
0.3106

 22.2927, 0.2045,
0.1661

 88.8456, 0.3150,
0.3322

 16.7498, 0.1865,
0.1357

 99.0108, 0.3220,
0.3444

 12.5462, 0.1714,
0.1088

■ 9.5643, 0.1603,
0.0872

■ 7.6575, 0.1537,
0.0721

■ 7.4363, 0.1529,
0.0703

Harmonies

Analogous

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



47.9377, 0.2394, 0.2658



47.9377, 0.2641, 0.2589



47.9377, 0.3030, 0.2684

Triad

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



47.9377, 0.2641, 0.2589



47.9377, 0.3995, 0.3585



47.9377, 0.2762, 0.3711

Complementary

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



47.9377, 0.2641, 0.2589



77.3343, 0.3584, 0.3905

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.



47.9377, 0.3176, 0.4010



47.9377, 0.2641, 0.2589



47.9377, 0.3901, 0.3894

Square

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



47.9377, 0.2641, 0.2589



47.9377, 0.3837, 0.3234



47.9377, 0.3595, 0.4066



47.9377, 0.2458, 0.3286

Rectangle

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



47.9377, 0.2641, 0.2589



47.9377, 0.3327, 0.2825



47.9377, 0.3595, 0.4066



47.9377, 0.2892, 0.3832

Sweetspot

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



47.9396, 0.2641, 0.2589



84.0397, 0.2987, 0.3092



76.0282, 0.2768, 0.3406



17.4709, 0.2963, 0.3058



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.



47.9396, 0.2641, 0.2589



48.6331, 0.2530, 0.2423



46.9456, 0.2806, 0.2504



15.6028, 0.2980, 0.3082



4.2248, 0.1533, 0.0720



0.4652, 0.1588, 0.0917

Inverse Universe

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



50.8210, 0.3662, 0.3181



52.7131, 0.3813, 0.3158



79.1401, 0.3387, 0.4043



15.7966, 0.3270, 0.3256



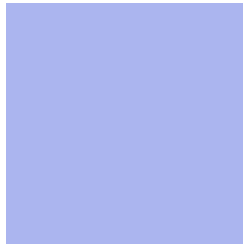
10.2198, 0.6200, 0.3189



0.8617, 0.5885, 0.3016

Previews

White Background



This preview shows how the Yxy color 47.9377, 0.2641, 0.2589 looks on a white background.

Color Contrast Check

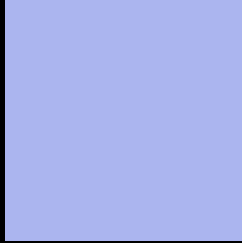
Large Text (above 18pt) WCAG AA × Fail

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 47.9377, 0.2641, 0.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

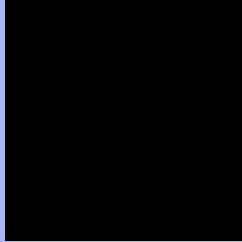
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9377, 0.2641, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 47.9377, 0.2641, 0.2589.



This preview shows how white text looks on a background with the Yxy color 47.9377, 0.2641, 0.2589.

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

47.9377, 0.2641, 0.2589

Protanopia

48.0127, 0.2621, 0.2597

Deuteranopia

48.0504, 0.2648, 0.2590



Tritanopia

48.0648, 0.2823, 0.3093

Trichromacy



Original Color

47.9377, 0.2641, 0.2589

Protanomaly

48.1229, 0.2628, 0.2599

Deuteranomaly

48.0504, 0.2648, 0.2590

Tritanomaly

47.7628, 0.2755, 0.2894

Monochromacy



Original Color

47.9377, 0.2641, 0.2589

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3921, 0.2936, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9377, 0.2641, 0.2589 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(171, 181, 239)` looks like.

```
.text, #text, p{  
    color:rgb(171, 181, 239)  
}
```

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(171, 181, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 181, 239) }
```

Border

The CSS property to change the border of an element to Yxy 47.9377, 0.2641, 0.2589 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(171, 181, 239) }
```

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

```
.border{ border-color:rgb(171, 181, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 181, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 181, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 181, 239);  
box-shadow:4px 4px 4px 4px rgb(171, 181,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9377, 0.2641, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 181, 239) }
```

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

```
.background{ background-color: rgb(171,  
181, 239) }
```

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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