

Converting Colors

Yxy(51.8315, 0.2697, 0.2748)

Have a look what the booklet for
Yxy(51.8315, 0.2697, 0.2748)
contains.

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Color

Yxy(51.8237, 0.2697, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	AEBEEB
RGB	174, 190, 235
RGB Percent	68%, 75%, 92%
CMY	0.3176, 0.2549, 0.0785
CMYK	0.26, 0.19, 0.00, 0.08
HSL	224°, 60%, 80%
HSV	224°, 26%, 92%
XYZ	50.8619, 51.8237, 85.9014
YIQ	190.3460, -23.9810, 10.6030

Conversions

Conversions Part 2

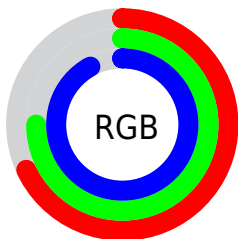
Format	Color
RYB	174, 187, 235
Decimal	11452139
CIELab	77.18, 4.32, -24.16
CIElCh	77, 24.539, 280.129
Yxy	51.8237, 0.2697, 0.2748
Android (android.graphics.Color)	4289642219 (0xFFAEBEEB)
YUV	190.3460, 22.0144, -14.3354
Hunter-Lab	71.9887, 0.1348, -20.3564

Details

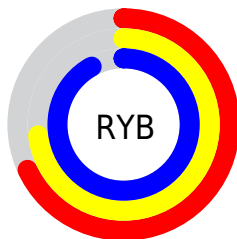
The Yxy color **51.8237, 0.2697, 0.2748** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.3646, 0.3559, 0.3779**, and the grayscale version is **51.5843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9545, 0.2975, 0.3199**, and **25.1391, 0.2582, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **42.2919, 0.2512, 0.2497**, and if you desaturate by 10%, it is **62.7244, 0.2873, 0.2976**.

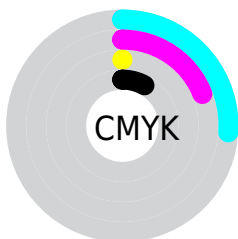
Distribution



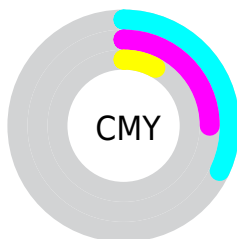
- Red (68%)
- Green (75%)
- Blue (92%)



- Red (68%)
- Yellow (73%)
- Blue (92%)



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)



- Cyan (32%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8237, 0.2697, 0.2748 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 51.8237, 0.2697, 0.2748 by changing the saturation by 10% instead.

■ 51.8237, 0.2697,
0.2748

■ 51.8237, 0.2697,
0.2748

■ 393.7556, 0.2906,
0.3008

■ 36.8646, 0.2647,
0.2687

■ 92.8712, 0.2772,
0.2840

■ 25.1026, 0.2584,
0.2610

■ 119.7283, 0.2800,
0.2875

■ 16.1535, 0.2502,
0.2511

■ 151.3203, 0.2824,
0.2905

■ 9.6329, 0.2393,
0.2380

■ 188.0314, 0.2845,
0.2931

■ 5.1562, 0.2239,
0.2199

■ 230.2461, 0.2863,
0.2954

■ 2.3392, 0.2009,
0.1933

■ 278.3488, 0.2879,

■ 0.7943, 0.1642,

0.2974

0.1515

332.7238, 0.2894,
0.2992

0.0000, 0.0000,
0.0000

51.8237, 0.2697,
0.2748

51.8237, 0.2697,
0.2748

42.2919, 0.2512,
0.2497

62.7244, 0.2873,
0.2976

34.0672, 0.2324,
0.2228

75.0402, 0.3036,
0.3180

27.0917, 0.2138,
0.1948

88.8229, 0.3186,
0.3360

21.3007, 0.1965,
0.1667

98.7768, 0.3244,
0.3483

16.6232, 0.1813,
0.1399

■ 12.9794, 0.1692,
0.1159

■ 10.2765, 0.1607,
0.0959

■ 9.4061, 0.1581,
0.0891

Harmonies

Analogous

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



51.8237, 0.2535, 0.2840



51.8237, 0.2697, 0.2748



51.8237, 0.2978, 0.2790

Triad

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



51.8237, 0.2697, 0.2748



51.8237, 0.3774, 0.3463



51.8237, 0.2922, 0.3671

Complementary

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



51.8237, 0.2697, 0.2748



71.3646, 0.3559, 0.3779

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.



51.8237, 0.3250, 0.3857



51.8237, 0.2697, 0.2748



51.8237, 0.3752, 0.3711

Square

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



51.8237, 0.2697, 0.2748



51.8237, 0.3611, 0.3189



51.8237, 0.3556, 0.3864



51.8237, 0.2659, 0.3369

Rectangle

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



51.8237, 0.2697, 0.2748



51.8237, 0.3201, 0.2885



51.8237, 0.3556, 0.3864



51.8237, 0.3028, 0.3751

Sweetspot

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



51.8258, 0.2697, 0.2748



87.1072, 0.3003, 0.3139



73.5024, 0.2836, 0.3479



18.1528, 0.2979, 0.3109



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.



51.8258, 0.2697, 0.2748



56.2389, 0.2602, 0.2621



46.9915, 0.2785, 0.2569



15.1917, 0.2980, 0.3111



5.4127, 0.1588, 0.0916



0.5777, 0.1661, 0.1180

Inverse Universe

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



51.6502, 0.3537, 0.3113



56.3084, 0.3648, 0.3075



77.7927, 0.3416, 0.3961



15.1190, 0.3252, 0.3228



10.0392, 0.5887, 0.3017



0.8037, 0.5494, 0.2800

Previews

White Background



This preview shows how the Yxy color 51.8237, 0.2697, 0.2748 looks on a white background.

Color Contrast Check

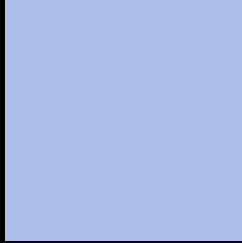
Large Text (above 18pt) WCAG AA × Fail

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 51.8237, 0.2697, 0.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

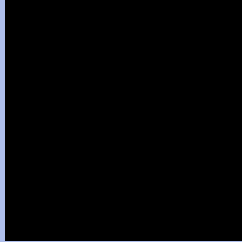
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

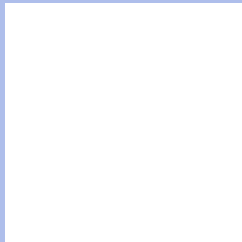
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8237, 0.2697, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 51.8237, 0.2697, 0.2748.



This preview shows how white text looks on a background with the Yxy color 51.8237, 0.2697, 0.2748.

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

51.8237, 0.2697, 0.2748

Protanopia

51.6103, 0.2743, 0.2740

Deuteranopia

51.6130, 0.2771, 0.2701



Tritanopia

51.6717, 0.2825, 0.3086

Trichromacy



Original Color

51.8237, 0.2697, 0.2748

Protanomaly

51.8007, 0.2730, 0.2750

Deuteranomaly

51.5419, 0.2743, 0.2708

Tritanomaly

51.9123, 0.2779, 0.2966

Monochromacy



Original Color

51.8237, 0.2697, 0.2748

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4735, 0.2962, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8237, 0.2697, 0.2748 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, 190, 235)` looks like.

```
.text, #text, p{  
    color:rgb(174, 190, 235)  
}
```

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, 190, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 190, 235) }
```

Border

The CSS property to change the border of an element to Yxy 51.8237, 0.2697, 0.2748 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, 190, 235) }
```

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

```
.border{ border-color:rgb(174, 190, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 190, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 190, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 190, 235);  
box-shadow:4px 4px 4px 4px rgb(174, 190,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8237, 0.2697, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 190, 235) }
```

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

```
.background{ background-color: rgb(174,  
190, 235) }
```

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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