

Converting Colors

Yxy(51.8077, 0.2926, 0.3014)

Have a look what the booklet for
Yxy(51.8077, 0.2926, 0.3014)
contains.

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Color

Yxy(51.8947, 0.2927, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	B9BED4
RGB	185, 190, 212
RGB Percent	73%, 75%, 83%
CMY	0.2747, 0.2548, 0.1687
CMYK	0.13, 0.10, 0.00, 0.17
HSL	229°, 24%, 78%
HSV	229°, 13%, 83%
XYZ	50.2966, 51.8947, 69.6454
YIQ	191.0130, -10.0420, 5.7820

Conversions

Conversions Part 2

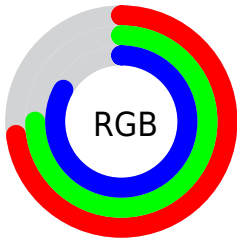
Format	Color
R _Y B	185, 189, 212
Decimal	12173012
CIE Lab	77.22, 2.62, -11.60
CIE LCh	77, 11.894, 282.739
Yxy	51.8947, 0.2927, 0.3020
Android (android.graphics.Color)	4290363092 (0xFFB9BED4)
YUV	191.0130, 10.3466, -5.2734
Hunter-Lab	72.0380, -1.4385, -6.8943

Details

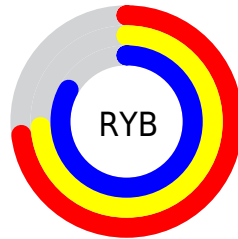
The Yxy color **51.8947, 0.2927, 0.3020** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0914, 0.3324, 0.3546**, and the grayscale version is **52.0494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8323, 0.3043, 0.3201**, and **25.2312, 0.2879, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **42.4239, 0.2753, 0.2778**, and if you desaturate by 10%, it is **62.6458, 0.3086, 0.3235**.

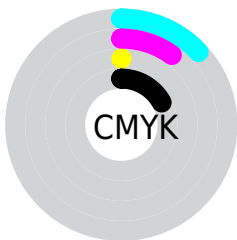
Distribution



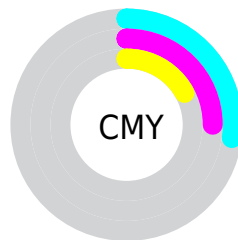
- Red (73%)
- Green (75%)
- Blue (83%)



- Red (73%)
- Yellow (74%)
- Blue (83%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8947, 0.2927, 0.3020 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 51.8947, 0.2927, 0.3020 by changing the saturation by 10% instead.

■ 51.8947, 0.2927,
0.3020

■ 51.8947, 0.2927,
0.3020

■ 394.0300, 0.3025,
0.3151

■ 36.9211, 0.2903,
0.2988

■ 92.9759, 0.2962,
0.3067

■ 25.1464, 0.2873,
0.2948

■ 119.8524, 0.2976,
0.3085

■ 16.1862, 0.2833,
0.2896

■ 151.4653, 0.2987,
0.3100

■ 9.6560, 0.2778,
0.2825

■ 188.1990, 0.2997,
0.3113

■ 5.1715, 0.2699,
0.2723

■ 230.4379, 0.3005,
0.3124

■ 2.3482, 0.2575,
0.2566

■ 278.5665, 0.3013,

■ 0.7991, 0.2356,

0.3135

0.2286

332.9690, 0.3019,
0.3143

0.0000, 0.0000,
0.0000

51.8947, 0.2927,
0.3020

51.8947, 0.2927,
0.3020

42.4239, 0.2753,
0.2778

62.6458, 0.3086,
0.3235

34.1790, 0.2567,
0.2510

74.7160, 0.3230,
0.3425

27.1110, 0.2372,
0.2221

88.1507, 0.3358,
0.3590

21.1653, 0.2177,
0.1919

97.5329, 0.3382,
0.3711

16.2827, 0.1990,
0.1617

■ 12.3985, 0.1824,
0.1331

■ 9.4405, 0.1688,
0.1078

■ 7.3259, 0.1593,
0.0876

■ 6.2463, 0.1546,
0.0765

Harmonies

Analogous

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



51.8947, 0.2838, 0.3066



51.8947, 0.2927, 0.3020



51.8947, 0.3071, 0.3044

Triad

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



51.8947, 0.2927, 0.3020



51.8947, 0.3441, 0.3394



51.8947, 0.3017, 0.3459

Complementary

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



51.8947, 0.2927, 0.3020



62.0914, 0.3324, 0.3546

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.



51.8947, 0.3177, 0.3552



51.8947, 0.2927, 0.3020



51.8947, 0.3424, 0.3509

Square

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



51.8947, 0.2927, 0.3020



51.8947, 0.3370, 0.3256



51.8947, 0.3327, 0.3569



51.8947, 0.2889, 0.3318

Rectangle

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



51.8947, 0.2927, 0.3020



51.8947, 0.3180, 0.3095



51.8947, 0.3327, 0.3569



51.8947, 0.3069, 0.3497

Sweetspot

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



51.8969, 0.2927, 0.3020



92.9392, 0.3066, 0.3209



61.8762, 0.2968, 0.3355



19.6164, 0.3055, 0.3193



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.



51.8969, 0.2927, 0.3020



75.1922, 0.2886, 0.2964



50.7823, 0.2989, 0.2963



12.3807, 0.2982, 0.3095



3.9647, 0.1551, 0.0783



0.3530, 0.1636, 0.1088

Inverse Universe

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



52.3965, 0.3316, 0.3231



76.1334, 0.3358, 0.3219



63.4037, 0.3254, 0.3609



12.4584, 0.3262, 0.3247



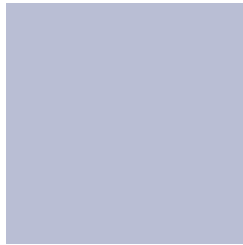
8.7451, 0.6097, 0.3132



0.5390, 0.5627, 0.2874

Previews

White Background



This preview shows how the Yxy color 51.8947, 0.2927, 0.3020 looks on a white background.

Color Contrast Check

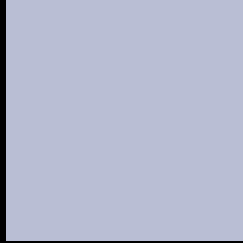
Large Text (above 18pt) WCAG AA × Fail

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 51.8947, 0.2927, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

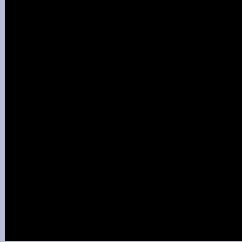
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

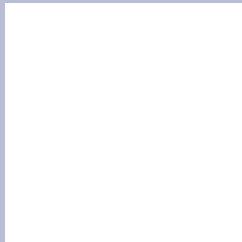
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8947, 0.2927, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 51.8947, 0.2927, 0.3020.

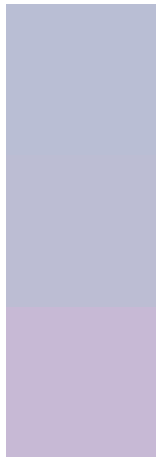


This preview shows how white text looks on a background with the Yxy color 51.8947, 0.2927, 0.3020.

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

51.8947, 0.2927, 0.3020

Protanopia

51.7897, 0.2957, 0.3021

Deuteranopia

51.6441, 0.3029, 0.2956



Tritanopia

51.9082, 0.2962, 0.3104

Trichromacy



Original Color

51.8947, 0.2927, 0.3020

Protanomaly

51.6631, 0.2949, 0.3020

Deuteranomaly

51.8141, 0.2989, 0.2977

Tritanomaly

52.0060, 0.2948, 0.3080

Monochromacy



Original Color

51.8947, 0.2927, 0.3020

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2039, 0.3052, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8947, 0.2927, 0.3020 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(185, 190, 212)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 212)  
}
```

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(185, 190, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 212) }
```

Border

The CSS property to change the border of an element to Yxy 51.8947, 0.2927, 0.3020 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(185, 190, 212) }
```

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

```
.border{ border-color:rgb(185, 190, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 190, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 190, 212);  
box-shadow:4px 4px 4px 4px rgb(185, 190,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8947, 0.2927, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 212) }
```

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

```
.background{ background-color: rgb(185,  
190, 212) }
```

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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