

Converting Colors

Yxy(51.6307, 0.2948, 0.3079)

Have a look what the booklet for
Yxy(51.6307, 0.2948, 0.3079)
contains.

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Color

Yxy(51.3992, 0.2947, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	B7BECF
RGB	183, 190, 207
RGB Percent	72%, 75%, 81%
CMY	0.2823, 0.2549, 0.1881
CMYK	0.12, 0.08, 0.00, 0.19
HSL	223°, 20%, 76%
HSV	223°, 12%, 81%
XYZ	49.2116, 51.3992, 66.3781
YIQ	189.8450, -9.6290, 3.8030

Conversions

Conversions Part 2

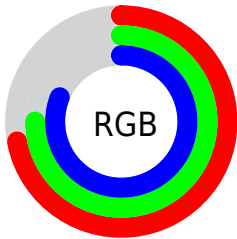
Format	Color
R_{YB}	183, 188, 207
Decimal	12041935
CIE Lab	76.92, 0.98, -9.38
CIE LCh	77, 9.428, 275.946
Yxy	51.3992, 0.2947, 0.3078
Android (android.graphics.Color)	4290232015 (0xFFB7BECF)
YUV	189.8450, 8.4574, -6.0031
Hunter-Lab	71.6932, -2.9373, -4.7091

Details

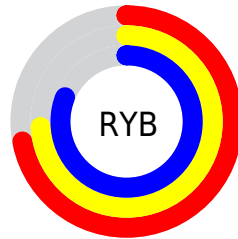
The Yxy color **51.3992, 0.2947, 0.3078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0279, 0.3309, 0.3493**, and the grayscale version is **51.3573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4823, 0.3030, 0.3201**, and **24.9371, 0.2896, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **42.9987, 0.2779, 0.2871**, and if you desaturate by 10%, it is **60.8191, 0.3103, 0.3263**.

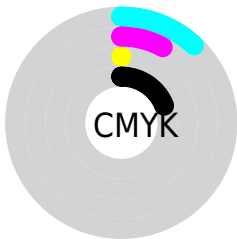
Distribution



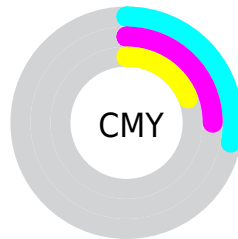
- Red (72%)
- Green (75%)
- Blue (81%)



- Red (72%)
- Yellow (74%)
- Blue (81%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3992, 0.2947, 0.3078 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 51.3992, 0.2947, 0.3078 by changing the saturation by 10% instead.

■ 51.3992, 0.2947,
0.3078

■ 51.3992, 0.2947,
0.3078

392.1128, 0.3035,
0.3182

■ 36.5264, 0.2925,
0.3053

■ 92.2446, 0.2979,
0.3115

■ 24.8410, 0.2898,
0.3021

118.9860, 0.2991,
0.3129

■ 15.9587, 0.2862,
0.2979

150.4523, 0.3001,
0.3141

■ 9.4949, 0.2813,
0.2921

187.0281, 0.3010,
0.3152

■ 5.0654, 0.2741,
0.2838

229.0976, 0.3017,
0.3161

■ 2.2857, 0.2627,
0.2708

277.0453, 0.3024,

■ 0.7661, 0.2419,

0.3169

0.2464

331.2556, 0.3030,
0.3176

0.0000, 0.0000,
0.0000

51.3992, 0.2947,
0.3078

51.3992, 0.2947,
0.3078

42.9987, 0.2779,
0.2871

60.8191, 0.3103,
0.3263

35.5761, 0.2601,
0.2642

71.2854, 0.3247,
0.3425

29.0963, 0.2418,
0.2392

82.8320, 0.3378,
0.3568

23.5195, 0.2234,
0.2128

93.3753, 0.3422,
0.3702

18.8029, 0.2059,
0.1858

97.2865, 0.3412,
0.3760

■ 14.9001, 0.1899,
0.1590

■ 11.7593, 0.1765,
0.1340

■ 9.3217, 0.1663,
0.1119

■ 7.7480, 0.1601,
0.0962

Harmonies

Analogous

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



51.3992, 0.2888, 0.3128



51.3992, 0.2947, 0.3078



51.3992, 0.3055, 0.3084

Triad

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



51.3992, 0.2947, 0.3078



51.3992, 0.3369, 0.3349



51.3992, 0.3068, 0.3445

Complementary

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



51.3992, 0.2947, 0.3078



58.0279, 0.3309, 0.3493

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.



51.3992, 0.3196, 0.3506



51.3992, 0.2947, 0.3078



51.3992, 0.3372, 0.3447

Square

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



51.3992, 0.2947, 0.3078



51.3992, 0.3299, 0.3239



51.3992, 0.3308, 0.3506



51.3992, 0.2957, 0.3340

Rectangle

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



51.3992, 0.2947, 0.3078



51.3992, 0.3140, 0.3118



51.3992, 0.3308, 0.3506



51.3992, 0.3110, 0.3471

Sweetspot

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



51.4014, 0.2947, 0.3078



95.1624, 0.3082, 0.3237



58.8735, 0.2999, 0.3378



20.0975, 0.3069, 0.3223



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.



51.4014, 0.2947, 0.3078



78.7325, 0.2905, 0.3027



49.0538, 0.2984, 0.2993



11.9688, 0.2982, 0.3120



5.0225, 0.1607, 0.0986



0.4178, 0.1711, 0.1358

Inverse Universe

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



50.8652, 0.3276, 0.3207



77.7739, 0.3315, 0.3187



60.6496, 0.3261, 0.3577



11.8639, 0.3246, 0.3223



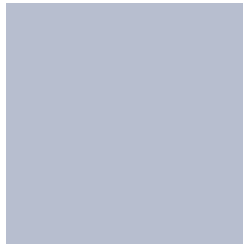
8.5783, 0.5780, 0.2958



0.4935, 0.5247, 0.2664

Previews

White Background



This preview shows how the Yxy color 51.3992, 0.2947, 0.3078 looks on a white background.

Color Contrast Check

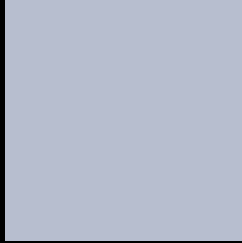
Large Text (above 18pt) WCAG AA × Fail

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 51.3992, 0.2947, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

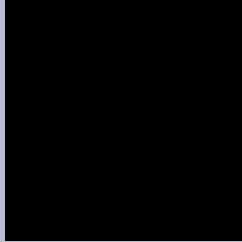
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

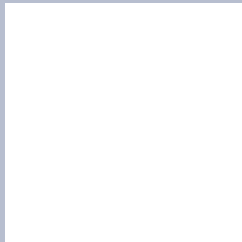
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3992, 0.2947, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 51.3992, 0.2947, 0.3078.

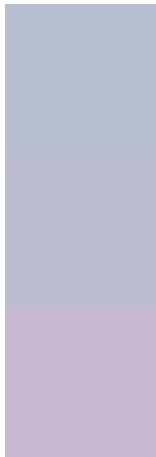


This preview shows how white text looks on a background with the Yxy color 51.3992, 0.2947, 0.3078.

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

51.3992, 0.2947, 0.3078

Protanopia

51.1140, 0.2993, 0.3068

Deuteranopia

51.5314, 0.3074, 0.3015



Tritanopia

51.3020, 0.2961, 0.3103

Trichromacy



Original Color

51.3992, 0.2947, 0.3078

Protanomaly

51.2905, 0.2977, 0.3079

Deuteranomaly

51.5640, 0.3026, 0.3035

Tritanomaly

51.3504, 0.2954, 0.3091

Monochromacy



Original Color

51.3992, 0.2947, 0.3078

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3772, 0.3058, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3992, 0.2947, 0.3078 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(183, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 207)  
}
```

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(183, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 207) }
```

Border

The CSS property to change the border of an element to Yxy 51.3992, 0.2947, 0.3078 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(183, 190, 207) }
```

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

```
.border{ border-color:rgb(183, 190, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(183, 190,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3992, 0.2947, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 207) }
```

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

```
.background{ background-color: rgb(183,  
190, 207) }
```

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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