

Converting Colors

$Y_{xy}(10.9548, 0.5380, 0.2823)$

Have a look what the booklet for
Yxy(10.9548, 0.5380, 0.2823)
contains.

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Color

Yxy(10.9548, 0.5380, 0.2823)

Conversions

Conversions Part 1

Format	Color
Hex	B71247
RGB	183, 18, 71
RGB Percent	72%, 7%, 28%
CMY	0.2825, 0.9289, 0.7216
CMYK	0.00, 0.90, 0.61, 0.28
HSL	341°, 82%, 39%
HSV	341°, 90%, 72%
XYZ	20.8774, 10.9548, 6.9734
YIQ	73.3770, 81.3270, 51.4630

Conversions

Conversions Part 2

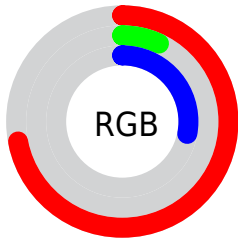
Format	Color
R_{YB}	183, 18, 71
Decimal	11997767
CIE _{Lab}	39.50, 62.44, 15.68
CIE _{LCh}	40, 64.378, 14.095
Yxy	10.9548, 0.5380, 0.2823
Android (android.graphics.Color)	4290187847 (0xFFB71247)
YUV	73.3770, -1.1719, 96.1394
Hunter-Lab	33.0980, 54.6716, 10.6769

Details

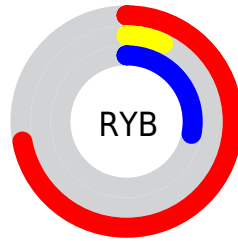
The Yxy color **10.9548, 0.5380, 0.2823** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **35.6009, 0.2534, 0.4252**, and the grayscale version is **6.7348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5608, 0.4805, 0.2983**, and **4.2263, 0.5884, 0.3015** is the 20% darker color. If you saturate the color by 10%, you get **10.3766, 0.5686, 0.2906**, and if you desaturate by 10%, it is **11.9823, 0.5038, 0.2776**.

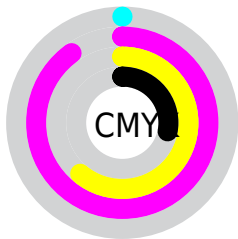
Distribution



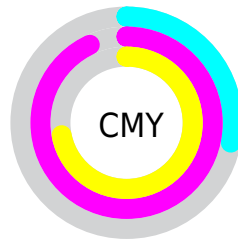
- Red (72%)
- Green (7%)
- Blue (28%)



- Red (72%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (90%)
- Yellow (61%)
- Black (28%)




- Cyan (28%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9548, 0.5380, 0.2823 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 10.9548, 0.5380, 0.2823 by changing the saturation by 10% instead.


 10.9548, 0.5380,
0.2823


 10.9548, 0.5380,
0.2823


197.3572, 0.3998,
0.3164

 6.0364, 0.5830,
0.2677

 27.5766, 0.4803,
0.2985


 2.8673, 0.6469,
0.2438

 40.0487, 0.4610,
0.3033


 1.0628, 0.7778,
0.2123

 55.8077, 0.4456,
0.3069

 0.0000, 1.0000,
0.0000

 75.2377, 0.4330,
0.3097

 0.0000, 0.0000,
0.0000

 98.7233, 0.4226,
0.3119

 126.6488, 0.4138,

0.3137

159.3987, 0.4062,
0.3152

■ 10.9548, 0.5380,
0.2823

■ 10.9548, 0.5380,
0.2823

■ 10.3766, 0.5686,
0.2906

■ 11.9823, 0.5038,
0.2776

■ 13.6112, 0.4686,
0.2776

■ 15.9195, 0.4352,
0.2813

■ 18.9727, 0.4052,
0.2877

■ 22.8286, 0.3794,
0.2956

■ 27.5394, 0.3576,
0.3041

■ 33.1527, 0.3396,
0.3128

■ 39.7126, 0.3249,
0.3211

■ 47.2603, 0.3128,
0.3289

Harmonies

Analogous

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



10.9548, 0.4030, 0.2126



10.9548, 0.5380, 0.2823



10.9548, 0.5812, 0.3599

Triad

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



10.9548, 0.5380, 0.2823



10.9548, 0.3073, 0.6022



10.9548, 0.1141, 0.1511

Complementary

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



10.9548, 0.5380, 0.2823



35.6009, 0.2534, 0.4252

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.



10.9548, 0.1009, 0.2022



10.9548, 0.5380, 0.2823



10.9548, 0.1957, 0.5056

Square

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



10.9548, 0.5380, 0.2823



10.9548, 0.4281, 0.5519



10.9548, 0.1237, 0.3226



10.9548, 0.1628, 0.1416

Rectangle

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



10.9548, 0.5380, 0.2823



10.9548, 0.5547, 0.4181



10.9548, 0.1237, 0.3226



10.9548, 0.1061, 0.1624

Sweetspot

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



10.9555, 0.5380, 0.2823



51.8429, 0.3525, 0.3064



8.4453, 0.2468, 0.1180



10.7460, 0.3591, 0.3035



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.9555, 0.5380, 0.2823



18.5529, 0.5727, 0.2929



12.0308, 0.5980, 0.3493



9.0584, 0.3239, 0.3217



7.2524, 0.5655, 0.2889



0.2673, 0.4908, 0.2478

Inverse Universe

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



10.9555, 0.5380, 0.2823



18.5529, 0.5727, 0.2929



27.1567, 0.2130, 0.2808



9.0584, 0.3239, 0.3217



7.2524, 0.5655, 0.2889



0.2673, 0.4908, 0.2478

Previews

White Background



This preview shows how the Yxy color 10.9548, 0.5380, 0.2823 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 10.9548, 0.5380, 0.2823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

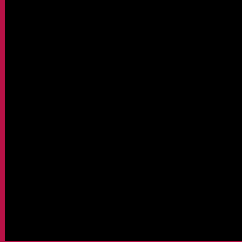
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9548, 0.5380, 0.2823

Background



This preview shows how black text looks on a background with the Yxy color 10.9548, 0.5380, 0.2823.



This preview shows how white text looks on a background with the Yxy color 10.9548, 0.5380, 0.2823.

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

10.9548, 0.5380, 0.2823

Protanopia

11.3444, 0.3015, 0.3105

Deuteranopia

11.4185, 0.3952, 0.3898



Tritanopia

11.0770, 0.5985, 0.3306

Trichromacy



Original Color

10.9548, 0.5380, 0.2823

Protanomaly

9.0874, 0.3825, 0.2794

Deuteranomaly

9.5491, 0.4595, 0.3259

Tritanomaly

10.9262, 0.5809, 0.3146

Monochromacy



Original Color

10.9548, 0.5380, 0.2823

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

6.5248, 0.4080, 0.2877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9548, 0.5380, 0.2823 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, 18, 71)` looks like.

```
.text, #text, p{  
    color:rgb(183, 18, 71)  
}
```

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, 18, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 18, 71) }
```

Border

The CSS property to change the border of an element to Yxy 10.9548, 0.5380, 0.2823 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, 18, 71) }
```

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

```
.border{ border-color:rgb(183, 18, 71) }
```

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

Here you see how a box with a 4 pixel rgb(183, 18, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 18, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 18, 71);  
box-shadow:4px 4px 4px 4px rgb(183, 18,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9548, 0.5380, 0.2823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 18, 71) }
```

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

```
.background{ background-color: rgb(183, 18,  
71) }
```

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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