

Converting Colors

$Y_{xy}(10.7653, 0.5435, 0.2877)$

Have a look what the booklet for
Yxy(10.7653, 0.5435, 0.2877)
contains.

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Color

Yxy(10.7653, 0.5435, 0.2877)

Conversions

Conversions Part 1	
Format	Color
Hex	B51543
RGB	181, 21, 67
RGB Percent	71%, 8%, 26%
CMY	0.2902, 0.9175, 0.7373
CMYK	0.00, 0.88, 0.63, 0.29
HSL	343°, 79%, 40%
HSV	343°, 88%, 71%
XYZ	20.3370, 10.7653, 6.3162
YIQ	74.0840, 80.5940, 48.2260

Conversions

Conversions Part 2

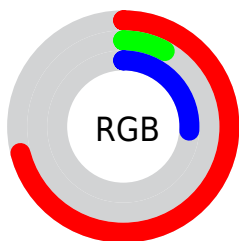
Format	Color
RYB	181, 21, 67
Decimal	11867459
CIELab	39.18, 61.20, 17.72
CIELCh	39, 63.715, 16.148
Yxy	10.7653, 0.5435, 0.2877
Android (android.graphics.Color)	4290057539 (0xFFB51543)
YUV	74.0840, -3.4924, 93.7653
Hunter-Lab	32.8105, 53.2213, 11.5536

Details

The Yxy color **10.7653, 0.5435, 0.2877** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **34.9563, 0.2503, 0.4126**, and the grayscale version is **6.8617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2719, 0.4838, 0.3030**, and **4.0633, 0.5969, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **10.1543, 0.5754, 0.2958**, and if you desaturate by 10%, it is **11.8604, 0.5075, 0.2835**.

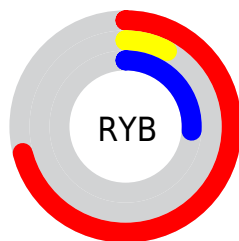
Distribution



Red (71%)

Green (8%)

Blue (26%)



Red (71%)

Yellow (8%)

Blue (26%)

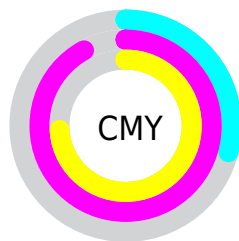


Cyan (0%)

Magenta (88%)

Yellow (63%)

Black (29%)



Cyan (29%)


Magenta (92%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7653, 0.5435, 0.2877 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 10.7653, 0.5435, 0.2877 by changing the saturation by 10% instead.


 10.7653, 0.5435,
0.2877


 10.7653, 0.5435,
0.2877


196.0502, 0.4016,
0.3194


 5.9092, 0.5896,
0.2733


 27.2253, 0.4843,
0.3032


 2.7900, 0.6547,
0.2491

 39.5981, 0.4645,
0.3077

 1.0231, 0.7843,
0.2157

 55.2453, 0.4486,
0.3110

 0.0000, 1.0000,
0.0000

 74.5512, 0.4357,
0.3135

 0.0000, 0.0000,
0.0000

 97.9002, 0.4250,
0.3155

 125.6768, 0.4160,

0.3171

158.2653, 0.4083,
0.3183

■ 10.7653, 0.5435,
0.2877

■ 10.7653, 0.5435,
0.2877

■ 10.1543, 0.5754,
0.2958

■ 11.8604, 0.5075,
0.2835


■ 10.0715, 0.5803,
0.2971

■ 13.5587, 0.4707,
0.2837


■ 15.9340, 0.4359,
0.2873

■ 19.0490, 0.4050,
0.2932

■ 22.9590, 0.3784,
0.3004

 27.7143, 0.3563,
0.3080

 33.3607, 0.3380,
0.3157

 39.9409, 0.3231,
0.3231

 47.4947, 0.3109,
0.3301

Harmonies

Analogous

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



10.7653, 0.4132, 0.2173



10.7653, 0.5435, 0.2877



10.7653, 0.5792, 0.3657

Triad

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



10.7653, 0.5435, 0.2877



10.7653, 0.2995, 0.5999



10.7653, 0.1168, 0.1499

Complementary

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



10.7653, 0.5435, 0.2877



34.9563, 0.2503, 0.4126

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.



10.7653, 0.1014, 0.1975



10.7653, 0.5435, 0.2877



10.7653, 0.1897, 0.4927

Square

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



10.7653, 0.5435, 0.2877



10.7653, 0.4198, 0.5572



10.7653, 0.1214, 0.3118



10.7653, 0.1682, 0.1426

Rectangle

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



10.7653, 0.5435, 0.2877



10.7653, 0.5496, 0.4248



10.7653, 0.1214, 0.3118



10.7653, 0.1080, 0.1603

Sweetspot

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



10.7660, 0.5435, 0.2877



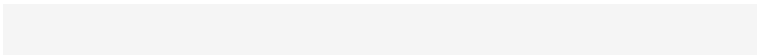
50.5118, 0.3544, 0.3088



8.8604, 0.2553, 0.1237



10.2532, 0.3612, 0.3062



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



10.7660, 0.5435, 0.2877



18.0045, 0.5844, 0.2993



12.4257, 0.5860, 0.3558



8.5441, 0.3243, 0.3225



6.9539, 0.5771, 0.2953



0.2291, 0.4965, 0.2509

Inverse Universe

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



10.7660, 0.5435, 0.2877



18.0045, 0.5844, 0.2993



24.9916, 0.2111, 0.2719



8.5441, 0.3243, 0.3225



6.9539, 0.5771, 0.2953



0.2291, 0.4965, 0.2509

Previews

White Background



This preview shows how the Yxy color 10.7653, 0.5435, 0.2877 looks on a white background.

Color Contrast Check

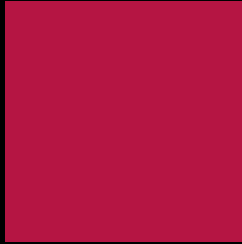
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7653, 0.5435, 0.2877 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 10.7653, 0.5435, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 10.7653, 0.5435, 0.2877.



This preview shows how white text looks on a background with the Yxy color 10.7653, 0.5435, 0.2877.

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

10.7653, 0.5435, 0.2877

Protanopia

11.1061, 0.3115, 0.3220

Deuteranopia

11.1388, 0.4007, 0.3966



Tritanopia

10.8353, 0.5976, 0.3306

Trichromacy



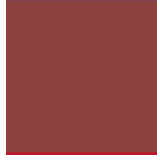
Original Color

10.7653, 0.5435, 0.2877



Protanomaly

9.1058, 0.3944, 0.2931



Deuteranomaly

9.5317, 0.4651, 0.3348



Tritanomaly

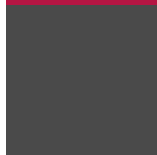
10.7157, 0.5822, 0.3168

Monochromacy



Original Color

10.7653, 0.5435, 0.2877



Achromatopsia

6.8478, 0.3127, 0.3290



Achromatomaly

6.6980, 0.4089, 0.2941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7653, 0.5435, 0.2877 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(181, 21, 67)` looks like.

```
.text, #text, p{  
    color:rgb(181, 21, 67)  
}
```

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(181, 21, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 21, 67) }
```

Border

The CSS property to change the border of an element to Yxy 10.7653, 0.5435, 0.2877 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(181, 21, 67) }
```

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

```
.border{ border-color:rgb(181, 21, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 21, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 21, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 21, 67);  
box-shadow:4px 4px 4px 4px rgb(181, 21,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7653, 0.5435, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 21, 67) }
```

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

```
.background{ background-color: rgb(181, 21,  
67) }
```

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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