

Converting Colors

$Yxy(11.5074, 0.5594, 0.2855)$

Have a look what the booklet for
Yxy(11.5074, 0.5594, 0.2855)
contains.

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Color

Yxy(11.4697, 0.5600, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	BF0042
RGB	191, 0, 66
RGB Percent	75%, 0%, 26%
CMY	0.2510, 0.9995, 0.7412
CMYK	0.00, 1.00, 0.65, 0.25
HSL	339°, 100%, 37%
HSV	339°, 100%, 75%
XYZ	22.4660, 11.4697, 6.1822
YIQ	64.6330, 92.6500, 61.0180

Conversions

Conversions Part 2

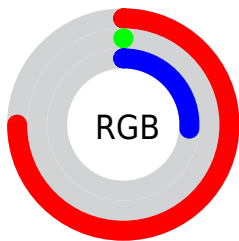
Format	Color
R_{YB}	191, 0, 66
Decimal	12517442
CIE Lab	40.36, 66.21, 20.30
CIE LCh	40, 69.257, 17.047
Yxy	11.4697, 0.5600, 0.2859
Android (android.graphics.Color)	4290707522 (0xFFBF0042)
YUV	64.6330, 0.6739, 110.8239
Hunter-Lab	33.8669, 59.1428, 12.8839

Details

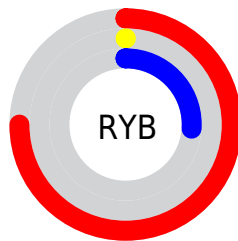
The Yxy color **11.4697, 0.5600, 0.2859** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **38.7394, 0.2573, 0.4462**, and the grayscale version is **5.2274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4496, 0.4992, 0.3025**, and **4.7331, 0.6047, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **11.4664, 0.5602, 0.2860**, and if you desaturate by 10%, it is **12.1052, 0.5296, 0.2774**.

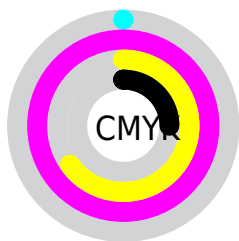
Distribution



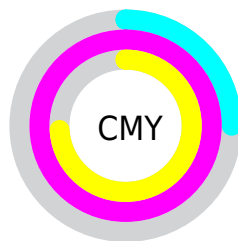
- Red (75%)
- Green (0%)
- Blue (26%)



- Red (75%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4697, 0.5600, 0.2859 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 11.4697, 0.5600, 0.2859 by changing the saturation by 10% instead.


 11.4697, 0.5600,
0.2859


 11.4697, 0.5600,
0.2859


200.8622, 0.4098,
0.3196

 6.3837, 0.6070,
0.2706


 28.5255, 0.4983,
0.3025


 3.0798, 0.6718,
0.2456

 41.2641, 0.4772,
0.3073

 1.1735, 0.7903,
0.2097

 57.3224, 0.4604,
0.3108

 0.0399, 0.9799,
0.0201

 77.0847, 0.4465,
0.3134

 0.0000, 1.0000,
0.0000

 100.9354, 0.4350,
0.3155

 0.0000, 0.0000,
0.0000

 129.2590, 0.4253,

0.3172

162.4398, 0.4170,
0.3185

■ 11.4697, 0.5600,
0.2859

■ 11.4697, 0.5600,
0.2859

■ 11.4664, 0.5602,
0.2860

■ 12.1052, 0.5296,
0.2774

■ 13.2372, 0.4964,
0.2730

■ 15.0329, 0.4625,
0.2733

■ 17.5778, 0.4305,
0.2776

■ 20.9447, 0.4017,
0.2846

■ 25.1975, 0.3768,
0.2931

■ 30.3939, 0.3559,
0.3023

■ 36.5865, 0.3386,
0.3116

■ 43.8243, 0.3243,
0.3206

Harmonies

Analogous

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



11.4697, 0.4236, 0.2136



11.4697, 0.5600, 0.2859



11.4697, 0.5913, 0.3652

Triad

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



11.4697, 0.5600, 0.2859



11.4697, 0.2909, 0.6176



11.4697, 0.1102, 0.1413

Complementary

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



11.4697, 0.5600, 0.2859



38.7394, 0.2573, 0.4462

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.



11.4697, 0.0932, 0.1875



11.4697, 0.5600, 0.2859



11.4697, 0.1786, 0.4990

Square

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



11.4697, 0.5600, 0.2859



11.4697, 0.4175, 0.5707



11.4697, 0.1112, 0.3040



11.4697, 0.1637, 0.1354

Rectangle

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



11.4697, 0.5600, 0.2859



11.4697, 0.5574, 0.4274



11.4697, 0.1112, 0.3040



11.4697, 0.1009, 0.1512

Sweetspot

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



11.4704, 0.5600, 0.2859



53.8925, 0.3569, 0.3018



8.0628, 0.2344, 0.1065



10.9240, 0.3655, 0.2979



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.4704, 0.5600, 0.2859



20.4993, 0.5641, 0.2881



11.9417, 0.6260, 0.3411



9.5893, 0.3236, 0.3211



7.5508, 0.5567, 0.2840



0.3083, 0.4888, 0.2466

Inverse Universe

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



11.4704, 0.5600, 0.2859



20.4993, 0.5641, 0.2881



29.7282, 0.2113, 0.2806



9.5893, 0.3236, 0.3211



7.5508, 0.5567, 0.2840



0.3083, 0.4888, 0.2466

Previews

White Background



This preview shows how the Yxy color 11.4697, 0.5600, 0.2859 looks on a white background.

Color Contrast Check

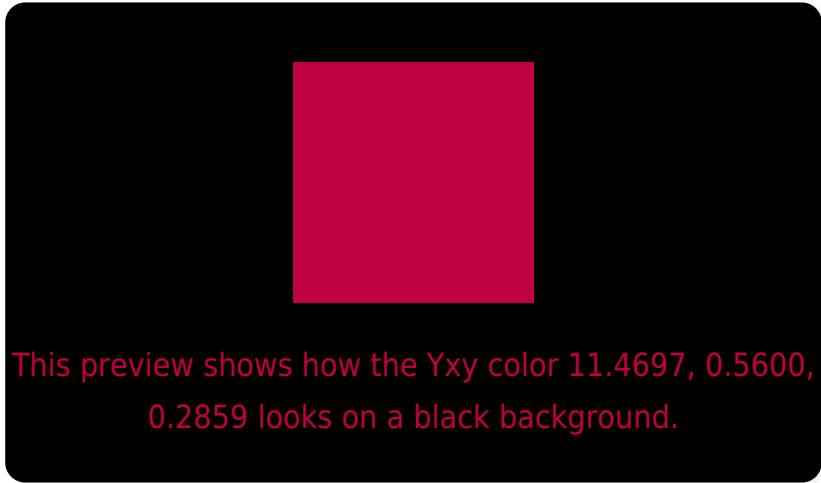
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.4697, 0.5600, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 11.4697, 0.5600, 0.2859.



This preview shows how white text looks on a background with the Yxy color 11.4697, 0.5600, 0.2859.

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

11.4697, 0.5600, 0.2859

Protanopia

12.0651, 0.3157, 0.3290

Deuteranopia

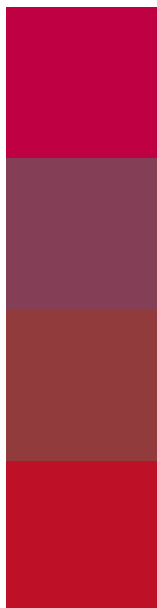
12.0460, 0.4107, 0.4035



Tritanopia

11.7970, 0.6125, 0.3315

Trichromacy



Original Color

11.4697, 0.5600, 0.2859

Protanomaly

9.0227, 0.4062, 0.2837

Deuteranomaly

9.4739, 0.4865, 0.3279

Tritanomaly

11.4945, 0.6008, 0.3168

Monochromacy



Original Color

11.4697, 0.5600, 0.2859

Achromatopsia

5.2861, 0.3127, 0.3290

Achromatomaly

5.3470, 0.4314, 0.2778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4697, 0.5600, 0.2859 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(191, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 66)  
}
```

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(191, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 66) }
```

Border

The CSS property to change the border of an element to Yxy 11.4697, 0.5600, 0.2859 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(191, 0, 66) }
```

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

```
.border{ border-color:rgb(191, 0, 66) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 66);  
box-shadow:4px 4px 4px 4px rgb(191, 0, 66)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4697, 0.5600, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 66) }
```

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

```
.background{ background-color: rgb(191, 0,  
66) }
```

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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