

Converting Colors

$Y_{xy}(11.2510, 0.4744, 0.2825)$

Have a look what the booklet for
Yxy(11.2510, 0.4744, 0.2825)
contains.

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Color

Yxy(11.2619, 0.4737, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	A83255
RGB	168, 50, 85
RGB Percent	66%, 20%, 33%
CMY	0.3411, 0.8040, 0.6666
CMYK	0.00, 0.70, 0.49, 0.34
HSL	342°, 54%, 43%
HSV	342°, 70%, 66%
XYZ	18.9310, 11.2619, 9.7712
YIQ	89.2720, 59.0930, 35.9010

Conversions

Conversions Part 2

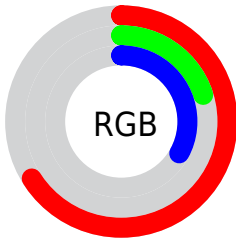
Format	Color
R_{YB}	168, 50, 85
Decimal	11022933
CIE _{Lab}	40.02, 50.54, 7.04
CIE _{LCh}	40, 51.030, 7.931
Yxy	11.2619, 0.4737, 0.2818
Android (android.graphics.Color)	4289213013 (0xFFA83255)
YUV	89.2720, -2.1061, 69.0445
Hunter-Lab	33.5588, 41.9668, 6.2278

Details

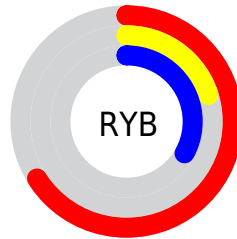
The Yxy color **11.2619, 0.4737, 0.2818** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **30.3814, 0.2541, 0.3948**, and the grayscale version is **10.0477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1553, 0.4319, 0.2963**, and **3.4682, 0.5408, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **9.9080, 0.5099, 0.2821**, and if you desaturate by 10%, it is **13.1755, 0.4392, 0.2851**.

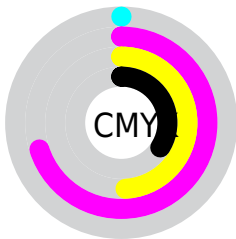
Distribution



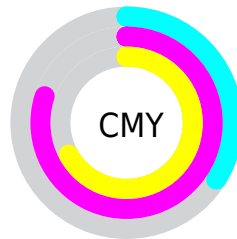
- Red (66%)
- Green (20%)
- Blue (33%)



- Red (66%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (49%)
- Black (34%)





- Cyan (34%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2619, 0.4737, 0.2818 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 11.2619, 0.4737, 0.2818 by changing the saturation by 10% instead.


 11.2619, 0.4737,
0.2818


 11.2619, 0.4737,
0.2818


199.4556, 0.3747,
0.3127


 6.2433, 0.5073,
0.2701


 28.1435, 0.4319,
0.2955

 2.9936, 0.5573,
0.2517

 40.7752, 0.4181,
0.2998


 1.1284, 0.6398,
0.2205

 56.7134, 0.4071,
0.3032

 0.0020, 0.9985,
0.0015

 76.3425, 0.3982,
0.3058

 0.0000, 1.0000,
0.0000

 100.0469, 0.3908,
0.3080

 0.0000, 0.0000,
0.0000

 128.2109, 0.3846,

0.3098

161.2190, 0.3793,
0.3114

■ 11.2619, 0.4737,
0.2818

■ 11.2619, 0.4737,
0.2818

■ 9.9080, 0.5099,
0.2821

■ 13.1755, 0.4392,
0.2851

■ 9.0494, 0.5450,
0.2868

■ 15.7001, 0.4082,
0.2909

■ 8.5553, 0.5757,
0.2945

■ 18.8834, 0.3815,
0.2982

■ 22.7676, 0.3591,
0.3060

■ 27.3917, 0.3406,
0.3139

■ 32.7914, 0.3254,
0.3216

■ 39.0003, 0.3130,
0.3288

■ 46.0501, 0.3029,
0.3355

■ 53.9707, 0.2946,
0.3417

Harmonies

Analogous

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



11.2619, 0.3612, 0.2222



11.2619, 0.4737, 0.2818



11.2619, 0.5306, 0.3515

Triad

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



11.2619, 0.4737, 0.2818



11.2619, 0.3399, 0.5429



11.2619, 0.1388, 0.1872

Complementary

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



11.2619, 0.4737, 0.2818



30.3814, 0.2541, 0.3948

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.



11.2619, 0.1347, 0.2450



11.2619, 0.4737, 0.2818



11.2619, 0.2405, 0.4867

Square

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



11.2619, 0.4737, 0.2818



11.2619, 0.4376, 0.5031



11.2619, 0.1669, 0.3553



11.2619, 0.1761, 0.1699

Rectangle

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



11.2619, 0.4737, 0.2818



11.2619, 0.5249, 0.4014



11.2619, 0.1669, 0.3553



11.2619, 0.1338, 0.2012

Sweetspot

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



11.2625, 0.4737, 0.2818



48.6726, 0.3425, 0.3131



10.0625, 0.2703, 0.1526



10.1076, 0.3472, 0.3110



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



11.2625, 0.4737, 0.2818



17.0477, 0.5288, 0.2840



13.4000, 0.5155, 0.3608



7.5776, 0.3241, 0.3223



6.4675, 0.5731, 0.2931



0.1662, 0.4818, 0.2428

Inverse Universe

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



11.2625, 0.4737, 0.2818



17.0477, 0.5288, 0.2840



23.5760, 0.2229, 0.2853



7.5776, 0.3241, 0.3223



6.4675, 0.5731, 0.2931



0.1662, 0.4818, 0.2428

Previews

White Background



This preview shows how the Yxy color 11.2619, 0.4737, 0.2818 looks on a white background.

Color Contrast Check

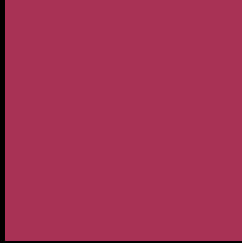
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2619, 0.4737, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

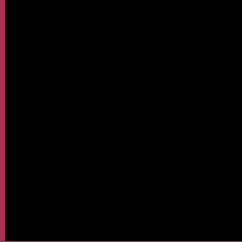
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2619, 0.4737, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 11.2619, 0.4737, 0.2818.



This preview shows how white text looks on a background with the Yxy color 11.2619, 0.4737, 0.2818.

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

11.2619, 0.4737, 0.2818

Protanopia

11.6157, 0.2908, 0.2971

Deuteranopia

11.5338, 0.3623, 0.3581



Tritanopia

11.3596, 0.5202, 0.3257

Trichromacy



Original Color

11.2619, 0.4737, 0.2818

Protanomaly

10.5051, 0.3494, 0.2858

Deuteranomaly

10.7271, 0.4045, 0.3215

Tritanomaly

11.2712, 0.5048, 0.3109

Monochromacy



Original Color

11.2619, 0.4737, 0.2818

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.5883, 0.3694, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2619, 0.4737, 0.2818 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(168, 50, 85)` looks like.

```
.text, #text, p{  
    color:rgb(168, 50, 85)  
}
```

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(168, 50, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 50, 85) }
```

Border

The CSS property to change the border of an element to Yxy 11.2619, 0.4737, 0.2818 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(168, 50, 85) }
```

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

```
.border{ border-color:rgb(168, 50, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 50, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 50, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 50, 85);  
box-shadow:4px 4px 4px 4px rgb(168, 50,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2619, 0.4737, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 50, 85) }
```

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

```
.background{ background-color: rgb(168, 50,  
85) }
```

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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