

Converting Colors

$Y_{xy}(15.1521, 0.4292, 0.2835)$

Have a look what the booklet for
Yxy(15.1521, 0.4292, 0.2835)
contains.

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Color

Yxy(15.1683, 0.4292, 0.2836)

Conversions

Conversions Part 1

Format	Color
Hex	B04A6A
RGB	176, 74, 106
RGB Percent	69%, 29%, 42%
CMY	0.3098, 0.7098, 0.5842
CMYK	0.00, 0.58, 0.40, 0.31
HSL	341°, 41%, 49%
HSV	341°, 58%, 69%
XYZ	22.9557, 15.1683, 15.3608
YIQ	108.1460, 50.5200, 31.5760

Conversions

Conversions Part 2

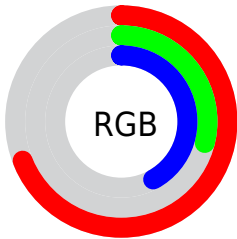
Format	Color
R_{YB}	176, 74, 106
Decimal	11553386
CIE _{Lab}	45.86, 44.72, 2.55
CIE _{LCh}	46, 44.795, 3.259
Yxy	15.1683, 0.4292, 0.2836
Android (android.graphics.Color)	4289743466 (0xFFB04A6A)
YUV	108.1460, -1.0580, 59.5080
Hunter-Lab	38.9465, 37.0544, 3.8780

Details

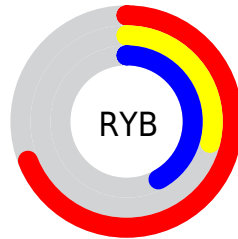
The Yxy color **15.1683, 0.4292, 0.2836** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **34.5189, 0.2606, 0.3848**, and the grayscale version is **15.0327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2752, 0.4015, 0.2955**, and **4.7414, 0.4839, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **12.9049, 0.4622, 0.2793**, and if you desaturate by 10%, it is **18.1260, 0.3999, 0.2902**.

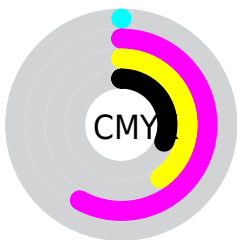
Distribution



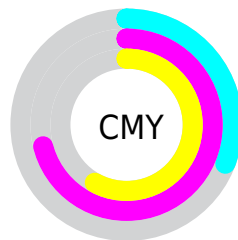
- Red (69%)
- Green (29%)
- Blue (42%)



- Red (69%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (58%)
- Yellow (40%)
- Black (31%)





- Cyan (31%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1683, 0.4292, 0.2836 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 15.1683, 0.4292, 0.2836 by changing the saturation by 10% instead.

 15.1683, 0.4292,
0.2836

 15.1683, 0.4292,
0.2836


224.3826, 0.3603,
0.3109


 8.9376, 0.4511,
0.2746


 35.1482, 0.4010,
0.2949


 4.7005, 0.4829,
0.2615

 49.6661, 0.3914,
0.2987

 2.0726, 0.5324,
0.2405

 67.7152, 0.3837,
0.3018

 0.6492, 0.6340,
0.2017

 89.6799, 0.3774,
0.3043

 0.0000, 1.0000,
0.0000

 115.9447, 0.3721,
0.3064

 0.0000, 0.0000,
0.0000

146.8937, 0.3676,

0.3081

182.9116, 0.3637,
0.3096

■ 15.1683, 0.4292,
0.2836

■ 15.1683, 0.4292,
0.2836

■ 12.9049, 0.4622,
0.2793

■ 18.1260, 0.3999,
0.2902

■ 11.2755, 0.4974,
0.2785

■ 21.8270, 0.3747,
0.2981

■ 10.2135, 0.5324,
0.2821

■ 26.3183, 0.3537,
0.3065

■ 9.6109, 0.5641,
0.2899

■ 31.6425, 0.3364,
0.3149

■ 9.5083, 0.5704,
0.2916

■ 37.8392, 0.3221,
0.3230

■ 44.9454, 0.3105,
0.3305

■ 52.9959, 0.3010,
0.3375

■ 62.0237, 0.2932,
0.3439

■ 72.0602, 0.2868,
0.3497

Harmonies

Analogous

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



15.1683, 0.3381, 0.2339



15.1683, 0.4292, 0.2836



15.1683, 0.4851, 0.3441

Triad

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



15.1683, 0.4292, 0.2836



15.1683, 0.3541, 0.4979



15.1683, 0.1639, 0.2183

Complementary

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



15.1683, 0.4292, 0.2836



34.5189, 0.2606, 0.3848

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.



15.1683, 0.1662, 0.2754



15.1683, 0.4292, 0.2836



15.1683, 0.2696, 0.4620

Square

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



15.1683, 0.4292, 0.2836



15.1683, 0.4322, 0.4680



15.1683, 0.2017, 0.3681



15.1683, 0.1921, 0.1964

Rectangle

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



15.1683, 0.4292, 0.2836



15.1683, 0.4901, 0.3869



15.1683, 0.2017, 0.3681



15.1683, 0.1612, 0.2330

Sweetspot

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



15.1691, 0.4292, 0.2836



58.0769, 0.3353, 0.3155



13.9348, 0.2776, 0.1780



12.1486, 0.3384, 0.3138



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



15.1691, 0.4292, 0.2836



22.3171, 0.4736, 0.2786



17.5009, 0.4683, 0.3559



8.5478, 0.3239, 0.3219



6.9860, 0.5676, 0.2901



0.2306, 0.4873, 0.2458

Inverse Universe

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



15.1691, 0.4292, 0.2836



22.3171, 0.4736, 0.2786



28.8059, 0.2347, 0.2969



8.5478, 0.3239, 0.3219



6.9860, 0.5676, 0.2901



0.2306, 0.4873, 0.2458

Previews

White Background



This preview shows how the Yxy color 15.1683, 0.4292, 0.2836 looks on a white background.

Color Contrast Check

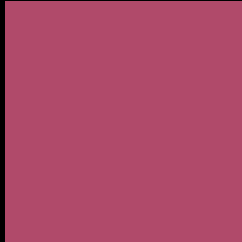
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1683, 0.4292, 0.2836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

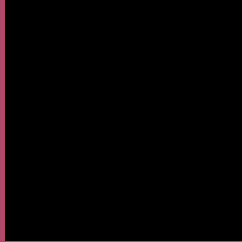
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1683, 0.4292, 0.2836

Background



This preview shows how black text looks on a background with the Yxy color 15.1683, 0.4292, 0.2836.



This preview shows how white text looks on a background with the Yxy color 15.1683, 0.4292, 0.2836.

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

15.1683, 0.4292, 0.2836

Protanopia

15.2957, 0.2884, 0.2927

Deuteranopia

15.2537, 0.3440, 0.3370



Tritanopia

15.0875, 0.4632, 0.3209

Trichromacy



Original Color

15.1683, 0.4292, 0.2836

Protanomaly

14.5229, 0.3324, 0.2861

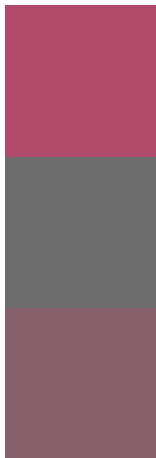
Deuteranomaly

14.7355, 0.3739, 0.3129

Tritanomaly

15.1944, 0.4512, 0.3079

Monochromacy



Original Color

15.1683, 0.4292, 0.2836

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.4138, 0.3532, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1683, 0.4292, 0.2836 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(176, 74, 106)` looks like.

```
.text, #text, p{  
    color:rgb(176, 74, 106)  
}
```

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(176, 74, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 74, 106) }
```

Border

The CSS property to change the border of an element to Yxy 15.1683, 0.4292, 0.2836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

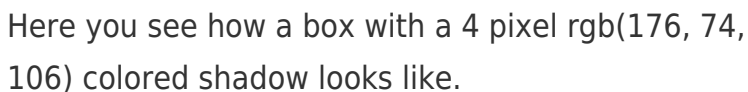
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 74, 106) }
```

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

```
.border{ border-color:rgb(176, 74, 106) }
```

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



Here you see how a box with a 4 pixel rgb(176, 74, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 74, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 74, 106); box-shadow:4px 4px 4px 4px rgb(176, 74, 106) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1683, 0.4292, 0.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 74, 106) }
```

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

```
.background{ background-color: rgb(176, 74,  
106) }
```

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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