

Converting Colors

$Y_{xy}(15.8806, 0.4292, 0.2801)$

Have a look what the booklet for
Yxy(15.8806, 0.4292, 0.2801)
contains.

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Color

Yxy(15.8471, 0.4289, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	B54A6E
RGB	181, 74, 110
RGB Percent	71%, 29%, 43%
CMY	0.2902, 0.7097, 0.5686
CMYK	0.00, 0.59, 0.39, 0.29
HSL	340°, 42%, 50%
HSV	340°, 59%, 71%
XYZ	24.3178, 15.8471, 16.5331
YIQ	110.0970, 52.2160, 33.8800

Conversions

Conversions Part 2

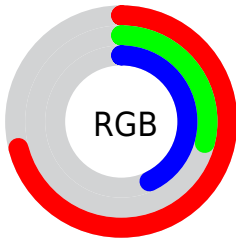
Format	Color
R_{YB}	181, 74, 110
Decimal	11881070
CIE _{Lab}	46.77, 46.84, 1.53
CIE _{LCh}	47, 46.869, 1.871
Yxy	15.8471, 0.4289, 0.2795
Android (android.graphics.Color)	4290071150 (0xFFB54A6E)
YUV	110.0970, -0.0478, 62.1819
Hunter-Lab	39.8084, 39.3757, 3.2417

Details

The Yxy color **15.8471, 0.4289, 0.2795** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36.5431, 0.2614, 0.3906**, and the grayscale version is **15.6128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2772, 0.4018, 0.2918**, and **5.0145, 0.4797, 0.2560** is the 20% darker color. If you saturate the color by 10%, you get **13.5245, 0.4611, 0.2751**, and if you desaturate by 10%, it is **18.9020, 0.4002, 0.2865**.

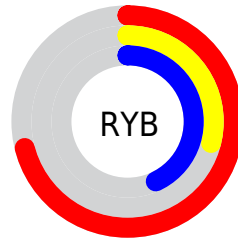
Distribution



Red (71%)

Green (29%)

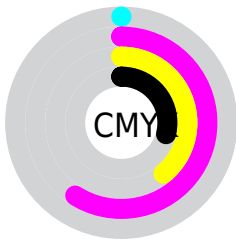
Blue (43%)



Red (71%)

Yellow (29%)

Blue (43%)

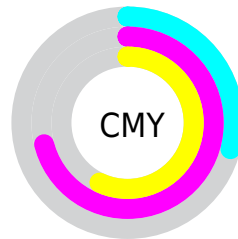


Cyan (0%)

Magenta (59%)

Yellow (39%)

Black (29%)



Cyan (29%)


Magenta (71%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8471, 0.4289, 0.2795 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 15.8471, 0.4289, 0.2795 by changing the saturation by 10% instead.


 15.8471, 0.4289,
0.2795


 15.8471, 0.4289,
0.2795


228.4378, 0.3607,
0.3088


 9.4160, 0.4503,
0.2701


 36.3326, 0.4012,
0.2915


 5.0135, 0.4810,
0.2566

 51.1557, 0.3917,
0.2956

 2.2552, 0.5284,
0.2355

 69.5451, 0.3841,
0.2989

 0.7498, 0.6137,
0.1985

 91.8849, 0.3778,
0.3016

 0.0000, 1.0000,
0.0000

 118.5597, 0.3725,
0.3038

 0.0000, 0.0000,
0.0000

149.9539, 0.3680,

0.3058

186.4518, 0.3641,
0.3074

■ 15.8471, 0.4289,
0.2795

■ 15.8471, 0.4289,
0.2795

■ 13.5245, 0.4611,
0.2751

■ 18.9020, 0.4002,
0.2865

■ 11.8687, 0.4952,
0.2744

■ 22.7421, 0.3754,
0.2949

■ 10.8070, 0.5289,
0.2784

■ 27.4184, 0.3547,
0.3038

■ 10.2050, 0.5598,
0.2865

■ 32.9769, 0.3375,
0.3129

■ 10.1582, 0.5625,
0.2872

■ 39.4600, 0.3233,
0.3215

■ 46.9075, 0.3118,
0.3297

■ 55.3569, 0.3023,
0.3373

■ 64.8436, 0.2946,
0.3443

■ 75.4014, 0.2882,
0.3506

Harmonies

Analogous

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



15.8471, 0.3342, 0.2295



15.8471, 0.4289, 0.2795



15.8471, 0.4889, 0.3408

Triad

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



15.8471, 0.4289, 0.2795



15.8471, 0.3586, 0.5030



15.8471, 0.1597, 0.2169

Complementary

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



15.8471, 0.4289, 0.2795



36.5431, 0.2614, 0.3906

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.



15.8471, 0.1634, 0.2771



15.8471, 0.4289, 0.2795



15.8471, 0.2718, 0.4702

Square

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



15.8471, 0.4289, 0.2795



15.8471, 0.4381, 0.4688



15.8471, 0.2010, 0.3741



15.8471, 0.1870, 0.1934

Rectangle

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



15.8471, 0.4289, 0.2795



15.8471, 0.4956, 0.3844



15.8471, 0.2010, 0.3741



15.8471, 0.1574, 0.2325

Sweetspot

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



15.8479, 0.4289, 0.2795



59.9416, 0.3362, 0.3136



14.1238, 0.2722, 0.1731



12.2932, 0.3408, 0.3110



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.



15.8479, 0.4289, 0.2795



23.1900, 0.4715, 0.2744



17.6395, 0.4770, 0.3513



8.5509, 0.3236, 0.3214



7.0157, 0.5592, 0.2854



0.2319, 0.4800, 0.2418

Inverse Universe

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



15.8479, 0.4289, 0.2795



23.1900, 0.4715, 0.2744



31.6814, 0.2348, 0.3023



8.5509, 0.3236, 0.3214



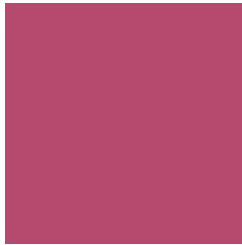
7.0157, 0.5592, 0.2854



0.2319, 0.4800, 0.2418

Previews

White Background



This preview shows how the Yxy color 15.8471, 0.4289, 0.2795 looks on a white background.

Color Contrast Check

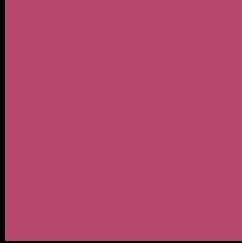
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8471, 0.4289, 0.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

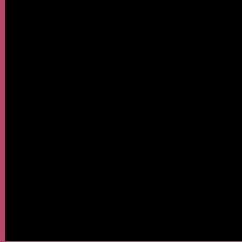
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8471, 0.4289, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 15.8471, 0.4289, 0.2795.



This preview shows how white text looks on a background with the Yxy color 15.8471, 0.4289, 0.2795.

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

15.8471, 0.4289, 0.2795

Protanopia

16.1606, 0.2832, 0.2876

Deuteranopia

16.1050, 0.3404, 0.3349



Tritanopia

15.8158, 0.4688, 0.3226

Trichromacy



Original Color

15.8471, 0.4289, 0.2795

Protanomaly

15.2589, 0.3293, 0.2817

Deuteranomaly

15.4470, 0.3712, 0.3097

Tritanomaly

15.8014, 0.4561, 0.3073

Monochromacy



Original Color

15.8471, 0.4289, 0.2795

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.9094, 0.3528, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8471, 0.4289, 0.2795 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, 74, 110)` looks like.

```
.text, #text, p{  
  color:rgb(181, 74, 110)  
}
```

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, 74, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 110) }
```

Border

The CSS property to change the border of an element to Yxy 15.8471, 0.4289, 0.2795 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, 74, 110) }
```

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

```
.border{ border-color:rgb(181, 74, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 74, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8471, 0.4289, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 110) }
```

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

```
.background{ background-color: rgb(181, 74,  
110) }
```

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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