

Converting Colors

$Y_{xy}(15.1821, 0.4375, 0.2787)$

Have a look what the booklet for
Yxy(15.1821, 0.4375, 0.2787)
contains.

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Color

Yxy(15.1415, 0.4369, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	B5456B
RGB	181, 69, 107
RGB Percent	71%, 27%, 42%
CMY	0.2902, 0.7294, 0.5803
CMYK	0.00, 0.62, 0.41, 0.29
HSL	340°, 45%, 49%
HSV	340°, 62%, 71%
XYZ	23.8390, 15.1415, 15.5835
YIQ	106.8200, 54.5540, 35.5620

Conversions

Conversions Part 2

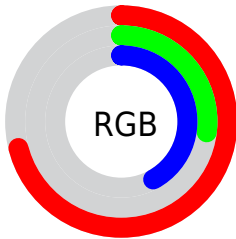
Format	Color
R_{YB}	181, 69, 107
Decimal	11879787
CIE _{Lab}	45.83, 48.82, 1.98
CIE _{LCh}	46, 48.864, 2.326
Yxy	15.1415, 0.4369, 0.2775
Android (android.graphics.Color)	4290069867 (0xFFB5456B)
YUV	106.8200, 0.0887, 65.0559
Hunter-Lab	38.9121, 41.2596, 3.4941

Details

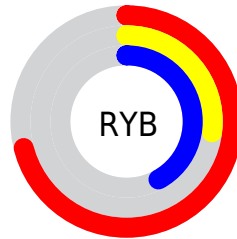
The Yxy color **15.1415, 0.4369, 0.2775** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36.2951, 0.2603, 0.3947**, and the grayscale version is **14.6399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1598, 0.4069, 0.2908**, and **4.6982, 0.4939, 0.2530** is the 20% darker color. If you saturate the color by 10%, you get **13.0103, 0.4696, 0.2739**, and if you desaturate by 10%, it is **17.9881, 0.4073, 0.2840**.

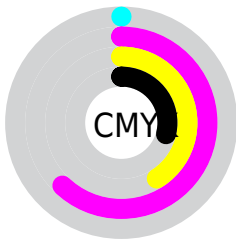
Distribution



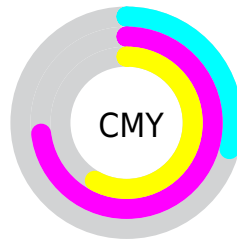
- Red (71%)
- Green (27%)
- Blue (42%)



- Red (71%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (62%)
- Yellow (41%)
- Black (29%)





- Cyan (29%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1415, 0.4369, 0.2775 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 15.1415, 0.4369, 0.2775 by changing the saturation by 10% instead.


 15.1415, 0.4369,
0.2775


 15.1415, 0.4369,
0.2775


224.2211, 0.3636,
0.3083


 8.9188, 0.4601,
0.2675


 35.1012, 0.4070,
0.2902


 4.6882, 0.4936,
0.2530

 49.6070, 0.3968,
0.2945


 2.0655, 0.5454,
0.2302

 67.6425, 0.3886,
0.2979

 0.6451, 0.6473,
0.1882

 89.5923, 0.3818,
0.3007

 0.0000, 1.0000,
0.0000

 115.8406, 0.3761,
0.3031

 0.0000, 0.0000,
0.0000

146.7719, 0.3713,

0.3051

182.7706, 0.3672,
0.3068

■ 15.1415, 0.4369,
0.2775

■ 15.1415, 0.4369,
0.2775

■ 13.0103, 0.4696,
0.2739

■ 17.9881, 0.4073,
0.2840

■ 11.5268, 0.5038,
0.2744

■ 21.6050, 0.3816,
0.2921

■ 10.6140, 0.5367,
0.2797

■ 26.0445, 0.3598,
0.3011

■ 10.1655, 0.5614,
0.2866

■ 31.3536, 0.3418,
0.3102

■ 37.5756, 0.3269,
0.3191

■ 44.7510, 0.3147,
0.3275

■ 52.9179, 0.3048,
0.3353

■ 62.1123, 0.2966,
0.3425

■ 72.3683, 0.2899,
0.3491

Harmonies

Analogous

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



15.1415, 0.3365, 0.2255



15.1415, 0.4369, 0.2775



15.1415, 0.4993, 0.3410

Triad

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



15.1415, 0.4369, 0.2775



15.1415, 0.3581, 0.5134



15.1415, 0.1531, 0.2104

Complementary

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



15.1415, 0.4369, 0.2775



36.2951, 0.2603, 0.3947

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.



15.1415, 0.1561, 0.2721



15.1415, 0.4369, 0.2775



15.1415, 0.2673, 0.4786

Square

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



15.1415, 0.4369, 0.2775



15.1415, 0.4420, 0.4756



15.1415, 0.1941, 0.3747



15.1415, 0.1818, 0.1870

Rectangle

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



15.1415, 0.4369, 0.2775



15.1415, 0.5049, 0.3863



15.1415, 0.1941, 0.3747



15.1415, 0.1505, 0.2262

Sweetspot

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



15.1423, 0.4369, 0.2775



58.8478, 0.3377, 0.3125



13.3258, 0.2697, 0.1664



12.0794, 0.3422, 0.3100



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.



15.1423, 0.4369, 0.2775



22.2858, 0.4810, 0.2736



16.8773, 0.4887, 0.3518



8.5513, 0.3236, 0.3213



7.0198, 0.5581, 0.2848



0.2321, 0.4790, 0.2412

Inverse Universe

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



15.1423, 0.4369, 0.2775



22.2858, 0.4810, 0.2736



31.2239, 0.2322, 0.3008



8.5513, 0.3236, 0.3213



7.0198, 0.5581, 0.2848



0.2321, 0.4790, 0.2412

Previews

White Background



This preview shows how the Yxy color 15.1415, 0.4369, 0.2775 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 15.1415, 0.4369, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

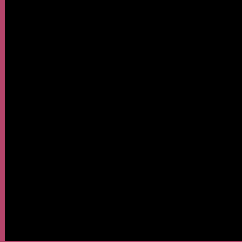
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.1415, 0.4369, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 15.1415, 0.4369, 0.2775.

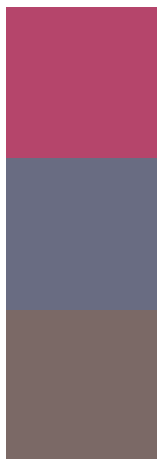


This preview shows how white text looks on a background with the Yxy color 15.1415, 0.4369, 0.2775.

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

15.1415, 0.4369, 0.2775

Protanopia

15.3401, 0.2827, 0.2849

Deuteranopia

15.2734, 0.3426, 0.3350



Tritanopia

15.1950, 0.4790, 0.3227

Trichromacy



Original Color

15.1415, 0.4369, 0.2775

Protanomaly

14.3971, 0.3314, 0.2776

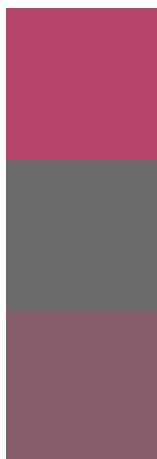
Deuteranomaly

14.5831, 0.3762, 0.3078

Tritanomaly

15.2066, 0.4643, 0.3063

Monochromacy



Original Color

15.1415, 0.4369, 0.2775

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

13.9586, 0.3558, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1415, 0.4369, 0.2775 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, 69, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 69, 107)  
}
```

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, 69, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 69, 107) }
```

Border

The CSS property to change the border of an element to Yxy 15.1415, 0.4369, 0.2775 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, 69, 107) }
```

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

```
.border{ border-color:rgb(181, 69, 107) }
```

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

Here you see how a box with a 4 pixel rgb(181, 69, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 69, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 69, 107);  
box-shadow:4px 4px 4px 4px rgb(181, 69,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1415, 0.4369, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 69, 107) }
```

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

```
.background{ background-color: rgb(181, 69,  
107) }
```

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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