

Converting Colors

$Y_{xy}(15.9153, 0.3988, 0.2833)$

Have a look what the booklet for
Yxy(15.9153, 0.3988, 0.2833)
contains.

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Color

Yxy(15.8804, 0.3989, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	A85472
RGB	168, 84, 114
RGB Percent	66%, 33%, 45%
CMY	0.3412, 0.6705, 0.5530
CMYK	0.00, 0.50, 0.32, 0.34
HSL	339°, 33%, 49%
HSV	339°, 50%, 66%
XYZ	22.3525, 15.8804, 17.8024
YIQ	112.5360, 40.4340, 27.1380

Conversions

Conversions Part 2

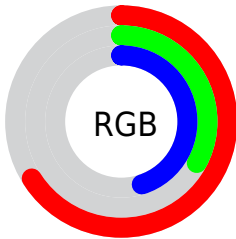
Format	Color
R_{YB}	168, 84, 114
Decimal	11031666
CIE _{Lab}	46.82, 37.86, -1.06
CIE _{LCh}	47, 37.877, 358.400
Yxy	15.8804, 0.3989, 0.2834
Android (android.graphics.Color)	4289221746 (0xFFA85472)
YUV	112.5360, 0.7218, 48.6419
Hunter-Lab	39.8502, 30.3849, 1.4084

Details

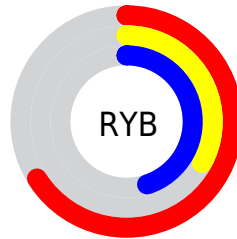
The Yxy color **15.8804, 0.3989, 0.2834** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **31.7197, 0.2681, 0.3823**, and the grayscale version is **16.3592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3690, 0.3777, 0.2939**, and **5.0481, 0.4380, 0.2643** is the 20% darker color. If you saturate the color by 10%, you get **13.3465, 0.4266, 0.2761**, and if you desaturate by 10%, it is **19.0702, 0.3749, 0.2922**.

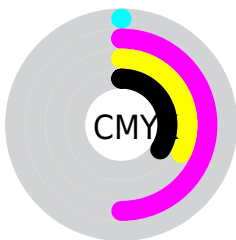
Distribution



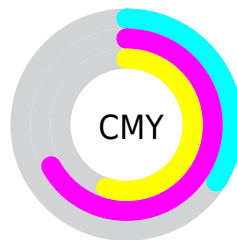
- Red (66%)
- Green (33%)
- Blue (45%)



- Red (66%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (50%)
- Yellow (32%)
- Black (34%)




- Cyan (34%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8804, 0.3989, 0.2834 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 15.8804, 0.3989, 0.2834 by changing the saturation by 10% instead.


 15.8804, 0.3989,
0.2834


 15.8804, 0.3989,
0.2834


228.6349, 0.3484,
0.3100


 9.4396, 0.4148,
0.2751


 36.3904, 0.3783,
0.2942

 5.0290, 0.4378,
0.2632

 51.2284, 0.3713,
0.2979

 2.2643, 0.4737,
0.2447

 69.6343, 0.3657,
0.3009

 0.7547, 0.5380,
0.2113

 91.9924, 0.3610,
0.3033

 0.0000, 1.0000,
0.0000

 118.6871, 0.3571,
0.3054

 0.0000, 0.0000,
0.0000

150.1028, 0.3538,

0.3071

186.6240, 0.3509,
0.3087

■ 15.8804, 0.3989,
0.2834

■ 15.8804, 0.3989,
0.2834

■ 13.3465, 0.4266,
0.2761

■ 19.0702, 0.3749,
0.2922

■ 11.4198, 0.4576,
0.2714

■ 22.9555, 0.3547,
0.3017

■ 10.0484, 0.4904,
0.2706


■ 27.5755, 0.3379,
0.3112


■ 9.1704, 0.5229,
0.2744

■ 32.9657, 0.3241,
0.3203

■ 8.6494, 0.5532,
0.2821

■ 39.1593, 0.3127,
0.3290

 8.6486, 0.5533,
0.2822

 46.1877, 0.3034,
0.3371

 54.0804, 0.2957,
0.3445

 62.8655, 0.2894,
0.3513

 72.5700, 0.2842,
0.3575

Harmonies

Analogous

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



15.8804, 0.3221, 0.2418



15.8804, 0.3989, 0.2834



15.8804, 0.4522, 0.3359

Triad

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



15.8804, 0.3989, 0.2834



15.8804, 0.3622, 0.4685



15.8804, 0.1828, 0.2417

Complementary

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



15.8804, 0.3989, 0.2834



31.7197, 0.2681, 0.3823

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.



15.8804, 0.1903, 0.2969



15.8804, 0.3989, 0.2834



15.8804, 0.2896, 0.4459

Square

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



15.8804, 0.3989, 0.2834



15.8804, 0.4253, 0.4422



15.8804, 0.2272, 0.3756



15.8804, 0.2035, 0.2166

Rectangle

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



15.8804, 0.3989, 0.2834



15.8804, 0.4631, 0.3733



15.8804, 0.2272, 0.3756



15.8804, 0.1821, 0.2567

Sweetspot

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



15.8812, 0.3989, 0.2834



54.4793, 0.3311, 0.3155



14.5052, 0.2788, 0.1964



11.4525, 0.3339, 0.3137



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.



15.8812, 0.3989, 0.2834



23.7805, 0.4299, 0.2754



17.1864, 0.4407, 0.3465



7.5849, 0.3232, 0.3210



6.5417, 0.5507, 0.2807



0.1689, 0.4614, 0.2316

Inverse Universe

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



15.8812, 0.3989, 0.2834



23.7805, 0.4299, 0.2754



28.7541, 0.2449, 0.3096



7.5849, 0.3232, 0.3210



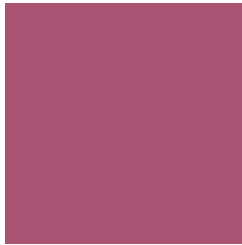
6.5417, 0.5507, 0.2807



0.1689, 0.4614, 0.2316

Previews

White Background



This preview shows how the Yxy color 15.8804, 0.3989, 0.2834 looks on a white background.

Color Contrast Check

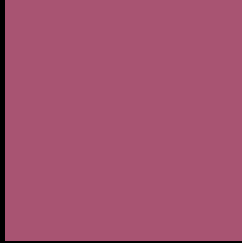
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8804, 0.3989, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

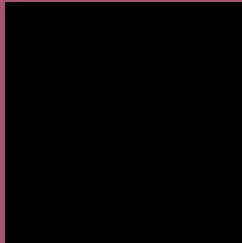
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8804, 0.3989, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 15.8804, 0.3989, 0.2834.



This preview shows how white text looks on a background with the Yxy color 15.8804, 0.3989, 0.2834.

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

15.8804, 0.3989, 0.2834

Protanopia

16.1687, 0.2866, 0.2915

Deuteranopia

16.0619, 0.3309, 0.3252



Tritanopia

15.8946, 0.4276, 0.3200

Trichromacy



Original Color

15.8804, 0.3989, 0.2834

Protanomaly

15.5084, 0.3232, 0.2864

Deuteranomaly

15.5603, 0.3551, 0.3073

Tritanomaly

15.9715, 0.4179, 0.3076

Monochromacy



Original Color

15.8804, 0.3989, 0.2834

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.6815, 0.3425, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8804, 0.3989, 0.2834 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, 84, 114)` looks like.

```
.text, #text, p{  
    color:rgb(168, 84, 114)  
}
```

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, 84, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 84, 114) }
```

Border

The CSS property to change the border of an element to Yxy 15.8804, 0.3989, 0.2834 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, 84, 114) }
```

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

```
.border{ border-color:rgb(168, 84, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 84, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 84, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 84, 114);  
box-shadow:4px 4px 4px 4px rgb(168, 84,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8804, 0.3989, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 84, 114) }
```

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

```
.background{ background-color: rgb(168, 84,  
114) }
```

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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