

Converting Colors

$Y_{xy}(14.0169, 0.3484, 0.2820)$

Have a look what the booklet for
Yxy(14.0169, 0.3484, 0.2820)
contains.

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Color

Yxy(13.9766, 0.3488, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	8A5A74
RGB	138, 90, 116
RGB Percent	54%, 35%, 45%
CMY	0.4587, 0.6471, 0.5451
CMYK	0.00, 0.35, 0.16, 0.46
HSL	328°, 21%, 45%
HSV	328°, 35%, 54%
XYZ	17.2935, 13.9766, 18.3099
YIQ	107.3160, 20.2620, 18.2620

Conversions

Conversions Part 2

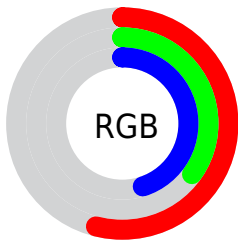
Format	Color
R_{YB}	138, 90, 116
Decimal	9067124
CIE _{Lab}	44.20, 23.84, -6.60
CIE _{LCh}	44, 24.742, 344.528
Yxy	13.9766, 0.3488, 0.2819
Android (android.graphics.Color)	4287257204 (0xFF8A5A74)
YUV	107.3160, 4.2812, 26.9099
Hunter-Lab	37.3853, 17.1454, -2.8683

Details

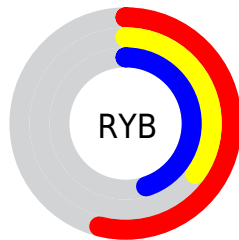
The Yxy color **13.9766, 0.3488, 0.2819** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5288, 0.2878, 0.3817**, and the grayscale version is **14.7794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0834, 0.3397, 0.2932**, and **4.1713, 0.3654, 0.2611** is the 20% darker color. If you saturate the color by 10%, you get **11.7190, 0.3635, 0.2683**, and if you desaturate by 10%, it is **16.6779, 0.3362, 0.2959**.

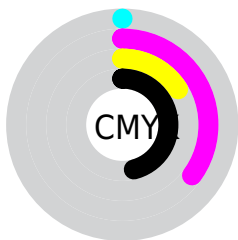
Distribution



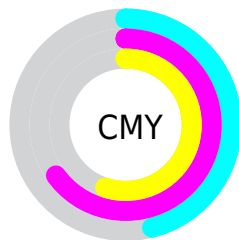
- Red (54%)
- Green (35%)
- Blue (45%)



- Red (54%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (46%)



- Cyan (46%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9766, 0.3488, 0.2819 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 13.9766, 0.3488, 0.2819 by changing the saturation by 10% instead.


 13.9766, 0.3488,
0.2819


 13.9766, 0.3488,
0.2819


217.0852, 0.3276,
0.3092


 8.1044, 0.3555,
0.2734


 33.0475, 0.3401,
0.2930


 4.1618, 0.3654,
0.2611

 47.0150, 0.3372,
0.2968

 1.7645, 0.3810,
0.2420

 64.4497, 0.3348,
0.2998

 0.4649, 0.4200,
0.1882

 85.7360, 0.3329,
0.3024

 0.0000, 0.0000,
0.0000

 111.2583, 0.3312,
0.3045

141.4010, 0.3299,

0.3063

176.5485, 0.3287,
0.3079

■ 13.9766, 0.3488,
0.2819

■ 13.9766, 0.3488,
0.2819

■ 11.7190, 0.3635,
0.2683

■ 16.6779, 0.3362,
0.2959

■ 9.8791, 0.3804,
0.2557

■ 19.8434, 0.3255,
0.3097

■ 8.4308, 0.3993,
0.2453


■ 23.4944, 0.3165,
0.3229


■ 7.3447, 0.4198,
0.2380


■ 27.6505, 0.3090,
0.3354


■ 6.5869, 0.4412,
0.2349


■ 32.3303, 0.3027,
0.3471

 6.1120, 0.4625,
0.2368

 37.5511, 0.2975,
0.3578

 5.9103, 0.4739,
0.2384

 43.3297, 0.2932,
0.3678

 49.6822, 0.2896,
0.3769

 56.6237, 0.2866,
0.3853

Harmonies

Analogous

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



13.9766, 0.2961, 0.2566



13.9766, 0.3488, 0.2819



13.9766, 0.3940, 0.3181

Triad

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



13.9766, 0.3488, 0.2819



13.9766, 0.3715, 0.4203



13.9766, 0.2198, 0.2857

Complementary

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



13.9766, 0.3488, 0.2819



21.5288, 0.2878, 0.3817

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.



13.9766, 0.2364, 0.3326



13.9766, 0.3488, 0.2819



13.9766, 0.3225, 0.4175

Square

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



13.9766, 0.3488, 0.2819



13.9766, 0.4063, 0.3964



13.9766, 0.2732, 0.3838



13.9766, 0.2253, 0.2561

Rectangle

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



13.9766, 0.3488, 0.2819



13.9766, 0.4116, 0.3452



13.9766, 0.2732, 0.3838



13.9766, 0.2229, 0.2998

Sweetspot

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



13.9772, 0.3488, 0.2819



37.8061, 0.3212, 0.3158



12.5653, 0.2800, 0.2365



8.3075, 0.3223, 0.3142



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



13.9772, 0.3488, 0.2819



21.3480, 0.3606, 0.2708



13.4958, 0.3872, 0.3247



5.0909, 0.3202, 0.3172



5.4193, 0.4732, 0.2380



0.0390, 0.3937, 0.1942

Inverse Universe

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



13.9772, 0.3488, 0.2819



21.3480, 0.3606, 0.2708



22.1256, 0.2672, 0.3335



5.0909, 0.3202, 0.3172



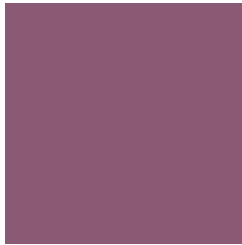
5.4193, 0.4732, 0.2380



0.0390, 0.3937, 0.1942

Previews

White Background



This preview shows how the Yxy color 13.9766, 0.3488, 0.2819 looks on a white background.

Color Contrast Check

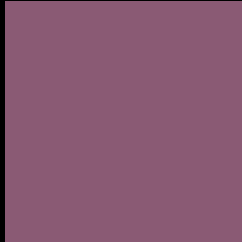
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9766, 0.3488, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

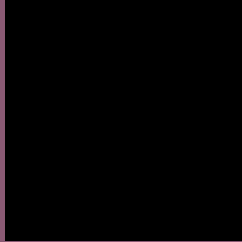
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9766, 0.3488, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 13.9766, 0.3488, 0.2819.



This preview shows how white text looks on a background with the Yxy color 13.9766, 0.3488, 0.2819.

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

13.9766, 0.3488, 0.2819

Protanopia

14.0906, 0.2816, 0.2853

Deuteranopia

14.0972, 0.3096, 0.3043



Tritanopia

13.9830, 0.3699, 0.3160

Trichromacy



Original Color

13.9766, 0.3488, 0.2819

Protanomaly

13.9062, 0.3036, 0.2830

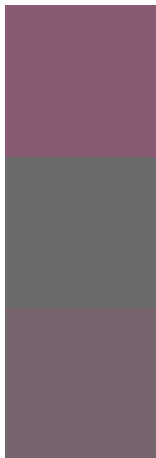
Deuteranomaly

14.0381, 0.3231, 0.2955

Tritanomaly

14.0133, 0.3623, 0.3032

Monochromacy



Original Color

13.9766, 0.3488, 0.2819

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.2847, 0.3252, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9766, 0.3488, 0.2819 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(138, 90, 116)` looks like.

```
.text, #text, p{  
    color:rgb(138, 90, 116)  
}
```

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(138, 90, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 90, 116) }
```

Border

The CSS property to change the border of an element to Yxy 13.9766, 0.3488, 0.2819 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(138, 90, 116) }
```

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

```
.border{ border-color:rgb(138, 90, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 90, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 90, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 90, 116);  
box-shadow:4px 4px 4px 4px rgb(138, 90,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9766, 0.3488, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 90, 116) }
```

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

```
.background{ background-color: rgb(138, 90,  
116) }
```

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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