

Converting Colors

$Y_{xy}(13.1578, 0.3416, 0.2905)$

Have a look what the booklet for
Yxy(13.1578, 0.3416, 0.2905)
contains.

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Color

Yxy(13.2191, 0.3409, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	805B6F
RGB	128, 91, 111
RGB Percent	50%, 36%, 44%
CMY	0.4980, 0.6431, 0.5647
CMYK	0.00, 0.29, 0.13, 0.50
HSL	328°, 17%, 43%
HSV	328°, 29%, 50%
XYZ	15.5125, 13.2191, 16.7730
YIQ	104.3430, 15.6320, 14.0640

Conversions

Conversions Part 2

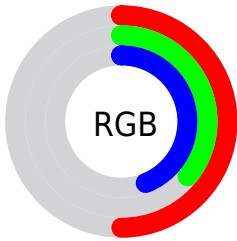
Format	Color
R_{YB}	128, 91, 111
Decimal	8412015
CIE Lab	43.09, 18.54, -5.33
CIE LCh	43, 19.291, 343.958
Yxy	13.2191, 0.3409, 0.2905
Android (android.graphics.Color)	4286602095 (0xFF805B6F)
YUV	104.3430, 3.2819, 20.7472
Hunter-Lab	36.3581, 12.5321, -1.9015

Details

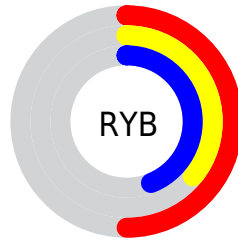
The Yxy color **13.2191, 0.3409, 0.2905** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7457, 0.2918, 0.3711**, and the grayscale version is **13.9284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8141, 0.3331, 0.2999**, and **3.8554, 0.3551, 0.2750** is the 20% darker color. If you saturate the color by 10%, you get **11.0893, 0.3543, 0.2767**, and if you desaturate by 10%, it is **15.7319, 0.3295, 0.3043**.

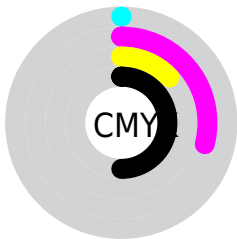
Distribution



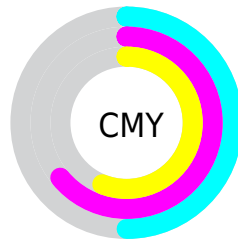
- Red (50%)
- Green (36%)
- Blue (44%)



- Red (50%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (13%)
- Black (50%)





- Cyan (50%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.2191, 0.3409, 0.2905 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 13.2191, 0.3409, 0.2905 by changing the saturation by 10% instead.


 13.2191, 0.3409,
0.2905


 13.2191, 0.3409,
0.2905


212.3171, 0.3242,
0.3132


 7.5796, 0.3463,
0.2832


 31.6968, 0.3340,
0.2998


 3.8271, 0.3544,
0.2726

 45.3039, 0.3317,
0.3029


 1.5773, 0.3675,
0.2556

 62.3355, 0.3298,
0.3055

 0.3423, 0.4170,
0.1835

 83.1762, 0.3283,
0.3076

 0.0000, 0.0000,
0.0000

 108.2103, 0.3270,
0.3093

137.8223, 0.3259,

0.3108

172.3964, 0.3250,
0.3121

■ 13.2191, 0.3409,
0.2905

■ 13.2191, 0.3409,
0.2905

■ 11.0893, 0.3543,
0.2767

■ 15.7319, 0.3295,
0.3043

■ 9.3217, 0.3697,
0.2635

■ 18.6438, 0.3199,
0.3177

■ 7.8961, 0.3873,
0.2517

■ 21.9719, 0.3119,
0.3304

■ 6.7895, 0.4068,
0.2424

■ 25.7319, 0.3052,
0.3423

■ 5.9763, 0.4276,
0.2366

■ 29.9387, 0.2996,
0.3533

■ 5.4266, 0.4489,
0.2352

■ 34.6065, 0.2950,
0.3635

■ 5.0598, 0.4705,
0.2376

■ 39.7488, 0.2911,
0.3729

■ 5.0213, 0.4729,
0.2379

■ 45.3785, 0.2879,
0.3815

■ 51.5082, 0.2852,
0.3894

Harmonies

Analogous

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



13.2191, 0.2991, 0.2698



13.2191, 0.3409, 0.2905



13.2191, 0.3766, 0.3203

Triad

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



13.2191, 0.3409, 0.2905



13.2191, 0.3610, 0.4014



13.2191, 0.2376, 0.2958

Complementary

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



13.2191, 0.3409, 0.2905



18.7457, 0.2918, 0.3711

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.



13.2191, 0.2519, 0.3332



13.2191, 0.3409, 0.2905



13.2191, 0.3221, 0.3984

Square

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



13.2191, 0.3409, 0.2905



13.2191, 0.3879, 0.3835



13.2191, 0.2822, 0.3725



13.2191, 0.2417, 0.2710

Rectangle

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



13.2191, 0.3409, 0.2905



13.2191, 0.3908, 0.3425



13.2191, 0.2822, 0.3725



13.2191, 0.2404, 0.3073

Sweetspot

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



13.2197, 0.3409, 0.2905



32.6589, 0.3202, 0.3173



12.2076, 0.2868, 0.2541



7.4871, 0.3213, 0.3156



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



13.2197, 0.3409, 0.2905



20.6167, 0.3499, 0.2810



12.8597, 0.3699, 0.3255



4.3801, 0.3201, 0.3174



4.9791, 0.4729, 0.2379



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.2197, 0.3409, 0.2905



20.6167, 0.3499, 0.2810



19.1732, 0.2743, 0.3326



4.3801, 0.3201, 0.3174



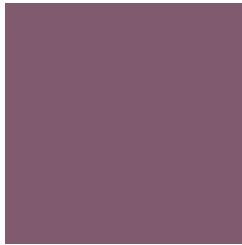
4.9791, 0.4729, 0.2379



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.2191, 0.3409, 0.2905 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 13.2191, 0.3409, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

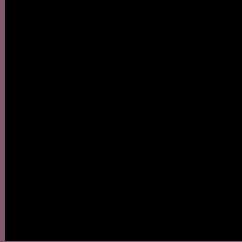
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.2191, 0.3409, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 13.2191, 0.3409, 0.2905.



This preview shows how white text looks on a background with the Yxy color 13.2191, 0.3409, 0.2905.

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

13.2191, 0.3409, 0.2905

Protanopia

13.2680, 0.2882, 0.2926

Deuteranopia

13.3007, 0.3123, 0.3059



Tritanopia

13.2608, 0.3559, 0.3153

Trichromacy



Original Color

13.2191, 0.3409, 0.2905

Protanomaly

13.1022, 0.3072, 0.2917

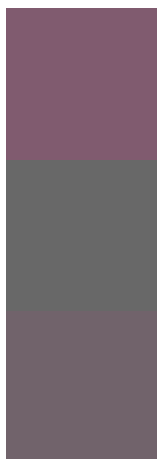
Deuteranomaly

13.2045, 0.3230, 0.3004

Tritanomaly

13.1658, 0.3499, 0.3056

Monochromacy



Original Color

13.2191, 0.3409, 0.2905

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.4959, 0.3223, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.2191, 0.3409, 0.2905 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(128, 91, 111)` looks like.

```
.text, #text, p{  
    color:rgb(128, 91, 111)  
}
```

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(128, 91, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 91, 111) }
```

Border

The CSS property to change the border of an element to Yxy 13.2191, 0.3409, 0.2905 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(128, 91, 111) }
```

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

```
.border{ border-color:rgb(128, 91, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 91, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 91, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 91, 111);  
box-shadow:4px 4px 4px 4px rgb(128, 91,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 13.2191, 0.3409, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 91, 111) }
```

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

```
.background{ background-color: rgb(128, 91,  
111) }
```

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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