

Converting Colors

$Y_{xy}(19.7034, 0.3111, 0.2830)$

Have a look what the booklet for
Yxy(19.7034, 0.3111, 0.2830)
contains.

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Color

Yxy(19.7034, 0.3111, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	8B738E
RGB	139, 115, 142
RGB Percent	55%, 45%, 56%
CMY	0.4550, 0.5490, 0.4431
CMYK	0.02, 0.19, 0.00, 0.44
HSL	293°, 11%, 50%
HSV	293°, 19%, 56%
XYZ	21.6598, 19.7034, 28.2601
YIQ	125.2540, 5.6370, 13.4850

Conversions

Conversions Part 2

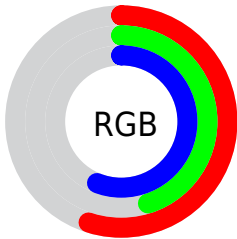
Format	Color
R_{YB}	139, 115, 142
Decimal	9139086
CIE _{Lab}	51.50, 14.46, -11.20
CIE _{LCh}	52, 18.284, 322.241
Yxy	19.7034, 0.3111, 0.2830
Android (android.graphics.Color)	4287329166 (0xFF8B738E)
YUV	125.2540, 8.2558, 12.0552
Hunter-Lab	44.3885, 9.4210, -6.6752

Details

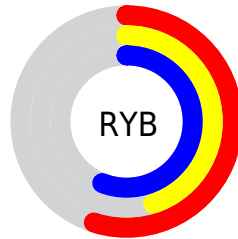
The Yxy color **19.7034, 0.3111, 0.2830** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.4442, 0.3136, 0.3786**, and the grayscale version is **20.5687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9604, 0.3117, 0.2926**, and **6.9109, 0.3099, 0.2658** is the 20% darker color. If you saturate the color by 10%, you get **16.5744, 0.3098, 0.2581**, and if you desaturate by 10%, it is **23.3351, 0.3121, 0.3076**.

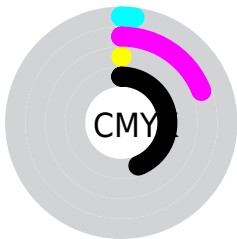
Distribution



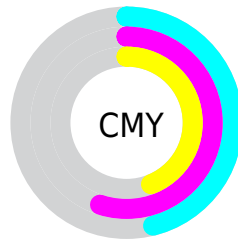
- Red (55%)
- Green (45%)
- Blue (56%)



- Red (55%)
- Yellow (45%)
- Blue (56%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (44%)





- Cyan (46%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7034, 0.3111, 0.2830 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 19.7034, 0.3111, 0.2830 by changing the saturation by 10% instead.


 19.7034, 0.3111,
0.2830


 19.7034, 0.3111,
0.2830


250.3049, 0.3123,
0.3085


 12.1796, 0.3106,
0.2757


 42.9194, 0.3117,
0.2929


 6.8661, 0.3097,
0.2656


 59.3803, 0.3119,
0.2965

 3.3785, 0.3082,
0.2508

 79.5891, 0.3120,
0.2994

 1.3324, 0.3051,
0.2273

 103.9302, 0.3121,
0.3018

 0.1661, 0.3113,
0.1012

132.7879, 0.3122,
0.3038

 0.0000, 0.0000,
0.0000

166.5467, 0.3122,

0.3056

205.5909, 0.3123,
0.3071

■ 19.7034, 0.3111,
0.2830

■ 19.7034, 0.3111,
0.2830

■ 16.5744, 0.3098,
0.2581

■ 23.3351, 0.3121,
0.3076

■ 13.9229, 0.3083,
0.2335

■ 27.4883, 0.3128,
0.3313

■ 11.7250, 0.3064,
0.2102

■ 32.1840, 0.3133,
0.3537

■ 9.9541, 0.3042,
0.1891

■ 37.4411, 0.3136,
0.3746

■ 8.5807, 0.3018,
0.1710

■ 43.2778, 0.3137,
0.3938

■ 7.5713, 0.2992,
0.1567

■ 49.7113, 0.3137,
0.4115

■ 6.8873, 0.2964,
0.1465

■ 56.7583, 0.3137,
0.4275

■ 6.4363, 0.2936,
0.1396

■ 64.4345, 0.3135,
0.4421

■ 6.3942, 0.2933,
0.1390

■ 72.7553, 0.3133,
0.4552

Harmonies

Analogous

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



19.7034, 0.2790, 0.2735



19.7034, 0.3111, 0.2830



19.7034, 0.3454, 0.3031

Triad

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



19.7034, 0.3111, 0.2830



19.7034, 0.3706, 0.3802



19.7034, 0.2571, 0.3237

Complementary

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



19.7034, 0.3111, 0.2830



24.4442, 0.3136, 0.3786

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.



19.7034, 0.2794, 0.3565



19.7034, 0.3111, 0.2830



19.7034, 0.3449, 0.3900

Square

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



19.7034, 0.3111, 0.2830



19.7034, 0.3807, 0.3577



19.7034, 0.3114, 0.3817



19.7034, 0.2491, 0.2948

Rectangle

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



19.7034, 0.3111, 0.2830



19.7034, 0.3643, 0.3205



19.7034, 0.3114, 0.3817



19.7034, 0.2631, 0.3348

Sweetspot

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



19.7043, 0.3111, 0.2830



43.1611, 0.3123, 0.3146



18.5930, 0.2827, 0.2849



9.5534, 0.3123, 0.3132



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.7043, 0.3111, 0.2830



32.1702, 0.3106, 0.2719



19.6723, 0.3273, 0.3004



5.4807, 0.3121, 0.3072



5.7443, 0.2935, 0.1390



0.0606, 0.3079, 0.1470

Inverse Universe

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



19.3245, 0.3445, 0.3238



31.3796, 0.3540, 0.3225



24.4870, 0.3005, 0.3594



5.4333, 0.3265, 0.3266



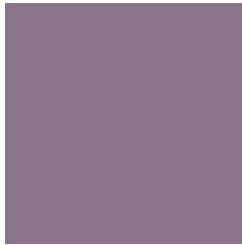
5.1984, 0.6225, 0.3203



0.0512, 0.5551, 0.2832

Previews

White Background



This preview shows how the Yxy color 19.7034, 0.3111, 0.2830 looks on a white 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

Black Background



This preview shows how the Yxy color 19.7034, 0.3111, 0.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

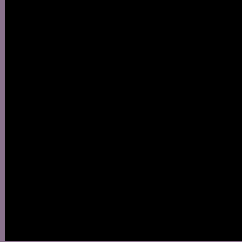
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7034, 0.3111, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 19.7034, 0.3111, 0.2830.



This preview shows how white text looks on a background with the Yxy color 19.7034, 0.3111, 0.2830.

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

19.7034, 0.3111, 0.2830

Protanopia

19.8772, 0.2815, 0.2841

Deuteranopia

19.7916, 0.2965, 0.2916



Tritanopia

19.8075, 0.3261, 0.3132

Trichromacy



Original Color

19.7034, 0.3111, 0.2830

Protanomaly

19.6736, 0.2923, 0.2831

Deuteranomaly

19.7052, 0.3024, 0.2887

Tritanomaly

19.7918, 0.3215, 0.3029

Monochromacy



Original Color

19.7034, 0.3111, 0.2830

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.0593, 0.3123, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7034, 0.3111, 0.2830 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(139, 115, 142)` looks like.

```
.text, #text, p{  
    color:rgb(139, 115, 142)  
}
```

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(139, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 115, 142) }
```

Border

The CSS property to change the border of an element to Yxy 19.7034, 0.3111, 0.2830 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(139, 115, 142) }
```

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

```
.border{ border-color:rgb(139, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(139, 115,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7034, 0.3111, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 115, 142) }
```

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

```
.background{ background-color: rgb(139,  
115, 142) }
```

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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