

Converting Colors

$Y_{xy}(19.3486, 0.3171, 0.2793)$

Have a look what the booklet for
Yxy(19.3486, 0.3171, 0.2793)
contains.

Yxy(19.3511, 0.3175, 0.2802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.3511, 0.3175, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	8F708D
RGB	143, 112, 141
RGB Percent	56%, 44%, 55%
CMY	0.4393, 0.5607, 0.4470
CMYK	0.00, 0.22, 0.01, 0.44
HSL	304°, 12%, 50%
HSV	304°, 22%, 56%
XYZ	21.9271, 19.3511, 27.7835
YIQ	124.5750, 9.1670, 15.5910

Conversions

Conversions Part 2

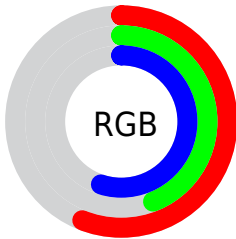
Format	Color
R_{YB}	143, 112, 141
Decimal	9400461
CIE _{Lab}	51.10, 17.45, -11.17
CIE _{LCh}	51, 20.721, 327.371
Yxy	19.3511, 0.3175, 0.2802
Android (android.graphics.Color)	4287590541 (0xFF8F708D)
YUV	124.5750, 8.0975, 16.1587
Hunter-Lab	43.9899, 11.9924, -6.6540

Details

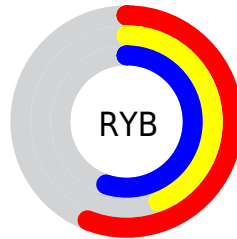
The Yxy color $19.3511, 0.3175, 0.2802$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.2975, 0.3081, 0.3832$, and the grayscale version is $20.3282, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.3614, 0.3164, 0.2904$, and $6.6974, 0.3179, 0.2617$ is the 20% darker color. If you saturate the color by 10%, you get $16.4161, 0.3200, 0.2574$, and if you desaturate by 10%, it is $22.7891, 0.3152, 0.3031$.

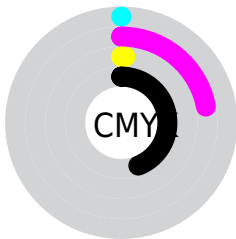
Distribution



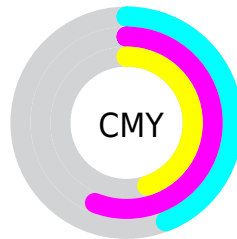
- Red (56%)
- Green (44%)
- Blue (55%)



- Red (56%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (44%)





- Cyan (44%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3511, 0.3175, 0.2802 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 19.3511, 0.3175, 0.2802 by changing the saturation by 10% instead.


 19.3511, 0.3175,
0.2802


 19.3511, 0.3175,
0.2802


248.3802, 0.3152,
0.3072


 11.9242, 0.3180,
0.2724


 42.3265, 0.3167,
0.2907


 6.6921, 0.3186,
0.2618


 58.6439, 0.3164,
0.2945

 3.2703, 0.3193,
0.2462

 78.6936, 0.3161,
0.2975

 1.2744, 0.3197,
0.2215

 102.8600, 0.3159,
0.3001

 0.1213, 0.3435,
0.0770

131.5274, 0.3156,
0.3023

 0.0000, 0.0000,
0.0000

165.0803, 0.3155,

0.3042

203.9032, 0.3153,
0.3058

■ 19.3511, 0.3175,
0.2802

■ 19.3511, 0.3175,
0.2802

■ 16.4161, 0.3200,
0.2574

■ 22.7891, 0.3152,
0.3031

■ 13.9579, 0.3226,
0.2355

■ 26.7495, 0.3130,
0.3254

■ 11.9519, 0.3254,
0.2152

■ 31.2539, 0.3111,
0.3468

■ 10.3702, 0.3281,
0.1975

■ 36.3220, 0.3094,
0.3669

■ 9.1819, 0.3307,
0.1832

■ 41.9722, 0.3079,
0.3857

8.3519, 0.3332,
0.1727

48.2225, 0.3066,
0.4030

7.8387, 0.3354,
0.1663

55.0898, 0.3055,
0.4188

7.5563, 0.3371,
0.1631

62.5905, 0.3045,
0.4332

70.7402, 0.3037,
0.4463

Harmonies

Analogous

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



19.3511, 0.2799, 0.2672



19.3511, 0.3175, 0.2802



19.3511, 0.3560, 0.3044

Triad

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



19.3511, 0.3175, 0.2802



19.3511, 0.3746, 0.3902



19.3511, 0.2469, 0.3164

Complementary

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



19.3511, 0.3175, 0.2802



24.2975, 0.3081, 0.3832

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.



19.3511, 0.2695, 0.3543



19.3511, 0.3175, 0.2802



19.3511, 0.3429, 0.3989

Square

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



19.3511, 0.3175, 0.2802



19.3511, 0.3899, 0.3661



19.3511, 0.3043, 0.3859



19.3511, 0.2410, 0.2854

Rectangle

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



19.3511, 0.3175, 0.2802



19.3511, 0.3760, 0.3244



19.3511, 0.3043, 0.3859



19.3511, 0.2527, 0.3288

Sweetspot

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



19.3519, 0.3175, 0.2802



44.6319, 0.3140, 0.3155



17.1214, 0.2794, 0.2713



10.1429, 0.3141, 0.3142



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.3519, 0.3175, 0.2802



31.9858, 0.3187, 0.2690



18.9334, 0.3363, 0.3049



5.5052, 0.3146, 0.3087



6.6848, 0.3370, 0.1630



0.0651, 0.3283, 0.1582

Inverse Universe

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



19.3519, 0.3175, 0.2802



31.9858, 0.3187, 0.2690



24.6693, 0.2941, 0.3544



5.5052, 0.3146, 0.3087



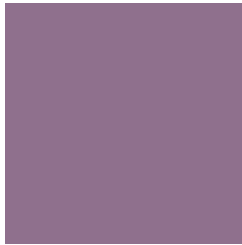
6.6848, 0.3370, 0.1630



0.0651, 0.3283, 0.1582

Previews

White Background



This preview shows how the Yxy color 19.3511, 0.3175, 0.2802 looks on a white background.

Color Contrast Check

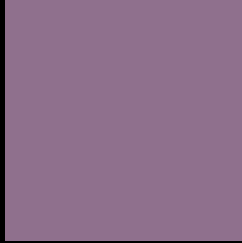
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3511, 0.3175, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

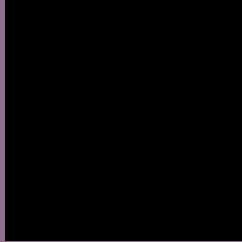
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3511, 0.3175, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 19.3511, 0.3175, 0.2802.



This preview shows how white text looks on a background with the Yxy color 19.3511, 0.3175, 0.2802.

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

19.3511, 0.3175, 0.2802

Protanopia

19.4943, 0.2792, 0.2819

Deuteranopia

19.4471, 0.2964, 0.2913



Tritanopia

19.3794, 0.3356, 0.3133

Trichromacy



Original Color

19.3511, 0.3175, 0.2802

Protanomaly

19.4368, 0.2922, 0.2813

Deuteranomaly

19.2898, 0.3048, 0.2869

Tritanomaly

19.3971, 0.3295, 0.3015

Monochromacy



Original Color

19.3511, 0.3175, 0.2802

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9772, 0.3149, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3511, 0.3175, 0.2802 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(143, 112, 141)` looks like.

```
.text, #text, p{  
    color:rgb(143, 112, 141)  
}
```

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(143, 112, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 112, 141) }
```

Border

The CSS property to change the border of an element to Yxy 19.3511, 0.3175, 0.2802 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(143, 112, 141) }
```

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

```
.border{ border-color:rgb(143, 112, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 112, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 112, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 112, 141);  
box-shadow:4px 4px 4px 4px rgb(143, 112,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3511, 0.3175, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 112, 141) }
```

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

```
.background{ background-color: rgb(143,  
112, 141) }
```

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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