

Converting Colors

$Y_{xy}(19.6112, 0.3307, 0.2913)$

Have a look what the booklet for
Yxy(19.6112, 0.3307, 0.2913)
contains.

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Color

Yxy(19.5407, 0.3300, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	937087
RGB	147, 112, 135
RGB Percent	58%, 44%, 53%
CMY	0.4236, 0.5607, 0.4705
CMYK	0.00, 0.24, 0.08, 0.42
HSL	321°, 14%, 51%
HSV	321°, 24%, 58%
XYZ	22.1977, 19.5407, 25.5274
YIQ	125.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

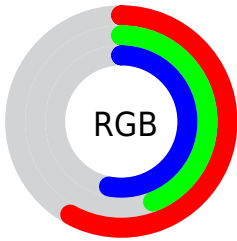
Format	Color
RYB	147, 112, 135
Decimal	9662599
CIELab	51.31, 17.77, -7.26
CIELCh	51, 19.194, 337.759
Yxy	19.5407, 0.3300, 0.2905
Android (android.graphics.Color)	4287852679 (0xFF937087)
YUV	125.0870, 4.8871, 19.2177
Hunter-Lab	44.2049, 12.2762, -3.2953

Details

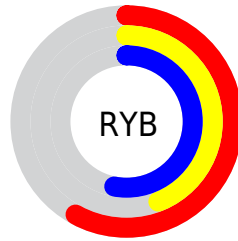
The Yxy color **19.5407, 0.3300, 0.2905** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7611, 0.2988, 0.3709**, and the grayscale version is **20.5191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5993, 0.3261, 0.2992**, and **6.8095, 0.3376, 0.2771** is the 20% darker color. If you saturate the color by 10%, you get **16.4198, 0.3394, 0.2737**, and if you desaturate by 10%, it is **23.1996, 0.3219, 0.3071**.

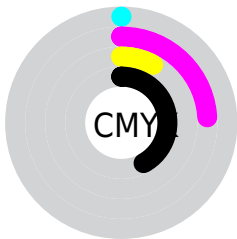
Distribution



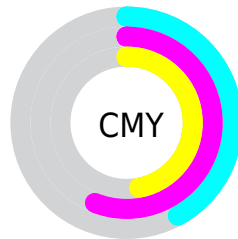
- Red (58%)
- Green (44%)
- Blue (53%)



- Red (58%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (42%)




- Cyan (42%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5407, 0.3300, 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 19.5407, 0.3300, 0.2905 by changing the saturation by 10% instead.


 19.5407, 0.3300,
0.2905


 19.5407, 0.3300,
0.2905


249.4177, 0.3204,
0.3119


 12.0616, 0.3328,
0.2843


 42.6458, 0.3262,
0.2989

 6.7857, 0.3366,
0.2757


 59.0406, 0.3249,
0.3018

 3.3284, 0.3423,
0.2630

 79.1761, 0.3238,
0.3043

 1.3055, 0.3514,
0.2425

 103.4366, 0.3229,
0.3063

 0.1455, 0.4133,
0.1051

132.2067, 0.3221,
0.3080

 0.0000, 0.0000,
0.0000

165.8706, 0.3215,

0.3095

204.8128, 0.3209,
0.3108

■ 19.5407, 0.3300,
0.2905

■ 19.5407, 0.3300,
0.2905

■ 16.4198, 0.3394,
0.2737

■ 23.1996, 0.3219,
0.3071

■ 13.8084, 0.3502,
0.2573

■ 27.4178, 0.3150,
0.3231

■ 11.6795, 0.3623,
0.2421


■ 32.2187, 0.3092,
0.3383


■ 10.0027, 0.3757,
0.2291


■ 37.6236, 0.3044,
0.3525

■ 8.7437, 0.3899,
0.2193


■ 43.6528, 0.3003,
0.3657

 7.8635, 0.4046,
0.2136


 50.3255, 0.2969,
0.3779

 7.3154, 0.4192,
0.2127

 57.6602, 0.2940,
0.3890

 7.0581, 0.4285,
0.2134

 65.6746, 0.2917,
0.3993

 74.3856, 0.2897,
0.4086

Harmonies

Analogous

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



19.5407, 0.2938, 0.2744



19.5407, 0.3300, 0.2905



19.5407, 0.3630, 0.3157

Triad

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



19.5407, 0.3300, 0.2905



19.5407, 0.3612, 0.3904



19.5407, 0.2479, 0.3064

Complementary

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



19.5407, 0.3300, 0.2905



25.7611, 0.2988, 0.3709

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.



19.5407, 0.2639, 0.3403



19.5407, 0.3300, 0.2905



19.5407, 0.3286, 0.3914

Square

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



19.5407, 0.3300, 0.2905



19.5407, 0.3812, 0.3724



19.5407, 0.2931, 0.3727



19.5407, 0.2481, 0.2817

Rectangle

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



19.5407, 0.3300, 0.2905



19.5407, 0.3779, 0.3352



19.5407, 0.2931, 0.3727



19.5407, 0.2515, 0.3171

Sweetspot

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



19.5416, 0.3300, 0.2905



46.4686, 0.3172, 0.3178



17.9571, 0.2870, 0.2667



10.5179, 0.3176, 0.3170



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



19.5416, 0.3300, 0.2905



31.6462, 0.3353, 0.2807



19.0962, 0.3523, 0.3191



5.8758, 0.3186, 0.3145



6.1257, 0.4277, 0.2130



0.0805, 0.3699, 0.1812

Inverse Universe

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



19.5416, 0.3300, 0.2905



31.6462, 0.3353, 0.2807



26.2340, 0.2836, 0.3392



5.8758, 0.3186, 0.3145



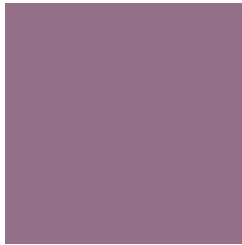
6.1257, 0.4277, 0.2130



0.0805, 0.3699, 0.1812

Previews

White Background



This preview shows how the Yxy color 19.5407, 0.3300, 0.2905 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 19.5407, 0.3300, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

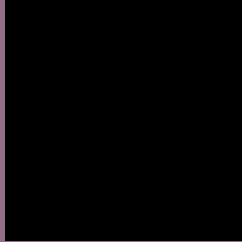
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5407, 0.3300, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 19.5407, 0.3300, 0.2905.



This preview shows how white text looks on a background with the Yxy color 19.5407, 0.3300, 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

19.5407, 0.3300, 0.2905

Protanopia

19.7641, 0.2886, 0.2944

Deuteranopia

19.5820, 0.3078, 0.3021



Tritanopia

19.4844, 0.3423, 0.3136

Trichromacy



Original Color

19.5407, 0.3300, 0.2905

Protanomaly

19.4881, 0.3023, 0.2917

Deuteranomaly

19.4463, 0.3167, 0.2975

Tritanomaly

19.4536, 0.3387, 0.3052

Monochromacy



Original Color

19.5407, 0.3300, 0.2905

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.0045, 0.3184, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5407, 0.3300, 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(147, 112, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 112, 135)  
}
```

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(147, 112, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 112, 135) }
```

Border

The CSS property to change the border of an element to Yxy 19.5407, 0.3300, 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(147, 112, 135) }
```

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

```
.border{ border-color:rgb(147, 112, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 112, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 112, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 112, 135);  
box-shadow:4px 4px 4px 4px rgb(147, 112,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5407, 0.3300, 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(147, 112, 135) }
```

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

```
.background{ background-color: rgb(147,  
112, 135) }
```

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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