

Converting Colors

$Y_{xy}(19.9888, 0.3298, 0.2940)$

Have a look what the booklet for
Yxy(19.9888, 0.3298, 0.2940)
contains.

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Color

Yxy(19.9869, 0.3297, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	937287
RGB	147, 114, 135
RGB Percent	58%, 45%, 53%
CMY	0.4236, 0.5529, 0.4706
CMYK	0.00, 0.22, 0.08, 0.42
HSL	322°, 13%, 51%
HSV	322°, 22%, 58%
XYZ	22.4215, 19.9869, 25.5974
YIQ	126.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

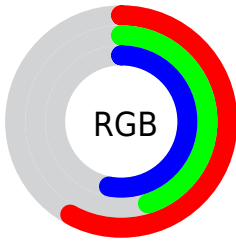
Format	Color
RYB	147, 114, 135
Decimal	9663111
CIELab	51.82, 16.61, -6.50
CIELCh	52, 17.833, 338.620
Yxy	19.9869, 0.3297, 0.2939
Android (android.graphics.Color)	4287853191 (0xFF937287)
YUV	126.2610, 4.3083, 18.1881
Hunter-Lab	44.7067, 11.2854, -2.6525

Details

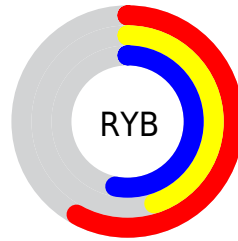
The Yxy color **19.9869, 0.3297, 0.2939** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9484, 0.2989, 0.3669**, and the grayscale version is **20.9394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3208, 0.3259, 0.3017**, and **7.0391, 0.3370, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **16.7869, 0.3395, 0.2776**, and if you desaturate by 10%, it is **23.7291, 0.3213, 0.3099**.

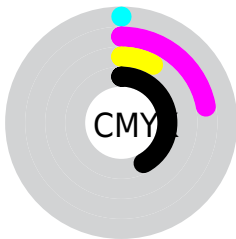
Distribution



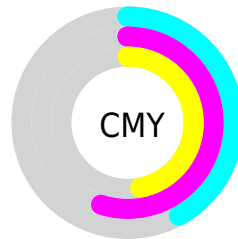
- Red (58%)
- Green (45%)
- Blue (53%)



- Red (58%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (42%)





- Cyan (42%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9869, 0.3297, 0.2939 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 19.9869, 0.3297, 0.2939 by changing the saturation by 10% instead.


 19.9869, 0.3297,
0.2939


 19.9869, 0.3297,
0.2939


251.8442, 0.3203,
0.3134


 12.3855, 0.3324,
0.2882


 43.3952, 0.3260,
0.3015


 7.0068, 0.3362,
0.2804


 59.9710, 0.3247,
0.3042

 3.4664, 0.3418,
0.2689

 80.3069, 0.3236,
0.3065

 1.3798, 0.3509,
0.2502

 104.7875, 0.3227,
0.3083

 0.2018, 0.4054,
0.1370

133.7972, 0.3220,
0.3099

 0.0000, 0.0000,
0.0000

167.7202, 0.3213,

0.3112

206.9411, 0.3208,
0.3124

■ 19.9869, 0.3297,
0.2939

■ 19.9869, 0.3297,
0.2939

■ 16.7869, 0.3395,
0.2776

■ 23.7291, 0.3213,
0.3099

■ 14.1010, 0.3507,
0.2616

■ 28.0347, 0.3143,
0.3254

■ 11.9025, 0.3635,
0.2466

■ 32.9270, 0.3083,
0.3399

■ 10.1611, 0.3776,
0.2337

■ 38.4270, 0.3033,
0.3535

■ 8.8432, 0.3929,
0.2237

■ 44.5550, 0.2992,
0.3661

■ 7.9107, 0.4087,
0.2179

■ 51.3301, 0.2957,
0.3777

■ 7.3183, 0.4246,
0.2167

■ 58.7707, 0.2928,
0.3884

■ 7.0022, 0.4367,
0.2179

■ 66.8944, 0.2904,
0.3982

■ 75.7181, 0.2884,
0.4071

Harmonies

Analogous

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



19.9869, 0.2962, 0.2786



19.9869, 0.3297, 0.2939



19.9869, 0.3598, 0.3176

Triad

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



19.9869, 0.3297, 0.2939



19.9869, 0.3568, 0.3859



19.9869, 0.2525, 0.3076

Complementary

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



19.9869, 0.3297, 0.2939



25.9484, 0.2989, 0.3669

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.



19.9869, 0.2670, 0.3385



19.9869, 0.3297, 0.2939



19.9869, 0.3266, 0.3861

Square

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



19.9869, 0.3297, 0.2939



19.9869, 0.3756, 0.3700



19.9869, 0.2938, 0.3684



19.9869, 0.2531, 0.2849

Rectangle

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



19.9869, 0.3297, 0.2939



19.9869, 0.3731, 0.3357



19.9869, 0.2938, 0.3684



19.9869, 0.2557, 0.3173

Sweetspot

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



19.9878, 0.3297, 0.2939



46.4564, 0.3174, 0.3182



18.5443, 0.2894, 0.2707



10.5149, 0.3178, 0.3174



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.



19.9878, 0.3297, 0.2939



32.7489, 0.3345, 0.2856



19.5694, 0.3502, 0.3206



5.8738, 0.3189, 0.3150



6.0764, 0.4359, 0.2175



0.0800, 0.3739, 0.1834

Inverse Universe

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



19.9878, 0.3297, 0.2939



32.7489, 0.3345, 0.2856



26.3963, 0.2847, 0.3376



5.8738, 0.3189, 0.3150



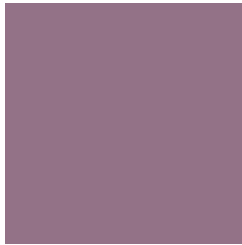
6.0764, 0.4359, 0.2175



0.0800, 0.3739, 0.1834

Previews

White Background



This preview shows how the Yxy color 19.9869, 0.3297, 0.2939 looks on a white background.

Color Contrast Check

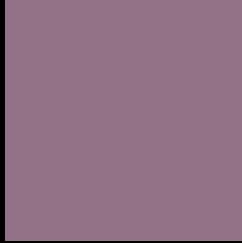
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9869, 0.3297, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

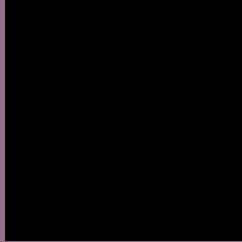
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9869, 0.3297, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 19.9869, 0.3297, 0.2939.



This preview shows how white text looks on a background with the Yxy color 19.9869, 0.3297, 0.2939.

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

19.9869, 0.3297, 0.2939

Protanopia

20.1540, 0.2909, 0.2965

Deuteranopia

19.9795, 0.3102, 0.3041



Tritanopia

20.0824, 0.3406, 0.3137

Trichromacy



Original Color

19.9869, 0.3297, 0.2939

Protanomaly

20.0428, 0.3034, 0.2955

Deuteranomaly

19.9965, 0.3178, 0.3012

Tritanomaly

19.9574, 0.3357, 0.3053

Monochromacy



Original Color

19.9869, 0.3297, 0.2939

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.5724, 0.3194, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9869, 0.3297, 0.2939 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, 114, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 114, 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, 114, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 114, 135) }
```

Border

The CSS property to change the border of an element to Yxy 19.9869, 0.3297, 0.2939 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, 114, 135) }
```

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

```
.border{ border-color:rgb(147, 114, 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, 114, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 114, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 114, 135);  
box-shadow:4px 4px 4px 4px rgb(147, 114,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9869, 0.3297, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 114, 135) }
```

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

```
.background{ background-color: rgb(147,  
114, 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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