

Converting Colors

$Y_{xy}(19.3899, 0.3245, 0.2666)$

Have a look what the booklet for
Yxy(19.3899, 0.3245, 0.2666)
contains.

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Color

Yxy(19.3630, 0.3247, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	996B92
RGB	153, 107, 146
RGB Percent	60%, 42%, 57%
CMY	0.4000, 0.5804, 0.4275
CMYK	0.00, 0.30, 0.05, 0.40
HSL	309°, 18%, 51%
HSV	309°, 30%, 60%
XYZ	23.5828, 19.3630, 29.6836
YIQ	125.2000, 14.8970, 21.8810

Conversions

Conversions Part 2

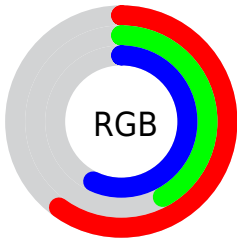
Format	Color
R _Y B	153, 107, 146
Decimal	10054546
CIE Lab	51.11, 24.92, -13.98
CIE LCh	51, 28.575, 330.716
Yxy	19.3630, 0.3247, 0.2666
Android (android.graphics.Color)	4288244626 (0xFF996B92)
YUV	125.2000, 10.2544, 24.3806
Hunter-Lab	44.0034, 18.6576, -9.1932

Details

The Yxy color **19.3630, 0.3247, 0.2666** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.1257, 0.3027, 0.4007**, and the grayscale version is **20.5406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3763, 0.3224, 0.2798**, and **6.7209, 0.3287, 0.2456** is the 20% darker color. If you saturate the color by 10%, you get **16.3788, 0.3296, 0.2460**, and if you desaturate by 10%, it is **22.9150, 0.3202, 0.2877**.

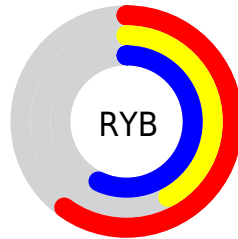
Distribution



Red (60%)

Green (42%)

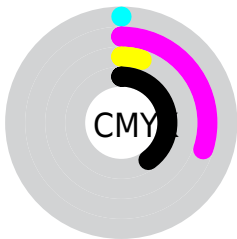
Blue (57%)



Red (60%)

Yellow (42%)

Blue (57%)

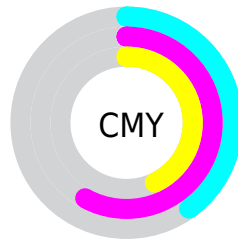


Cyan (0%)

Magenta (30%)

Yellow (5%)

Black (40%)



Cyan (40%)


Magenta (58%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3630, 0.3247, 0.2666 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 19.3630, 0.3247, 0.2666 by changing the saturation by 10% instead.


 19.3630, 0.3247,
0.2666


 19.3630, 0.3247,
0.2666


248.4455, 0.3185,
0.3007


 11.9329, 0.3263,
0.2570


 42.3466, 0.3224,
0.2798


 6.6980, 0.3282,
0.2440


 58.6688, 0.3216,
0.2845

 3.2739, 0.3307,
0.2254

 78.7239, 0.3209,
0.2883

 1.2764, 0.3339,
0.1967

 102.8962, 0.3203,
0.2916

 0.1228, 0.3688,
0.0624

131.5701, 0.3198,
0.2944

 0.0000, 0.0000,
0.0000

165.1300, 0.3193,

0.2968

203.9603, 0.3189,
0.2989

■ 19.3630, 0.3247,
0.2666

■ 19.3630, 0.3247,
0.2666

■ 16.3788, 0.3296,
0.2460

■ 22.9150, 0.3202,
0.2877

■ 13.9300, 0.3350,
0.2267

■ 27.0597, 0.3162,
0.3086

■ 11.9849, 0.3406,
0.2097

■ 31.8238, 0.3127,
0.3289

■ 10.5075, 0.3464,
0.1957

■ 37.2315, 0.3097,
0.3481

■ 9.4571, 0.3521,
0.1856

■ 43.3058, 0.3071,
0.3662

■ 8.7857, 0.3577,
0.1798

■ 50.0685, 0.3049,
0.3829

■ 8.3756, 0.3630,
0.1773

■ 57.5405, 0.3030,
0.3984

■ 65.7416, 0.3014,
0.4125

■ 74.6910, 0.3000,
0.4254

Harmonies

Analogous

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



19.3630, 0.2726, 0.2474



19.3630, 0.3247, 0.2666



19.3630, 0.3775, 0.2994

Triad

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



19.3630, 0.3247, 0.2666



19.3630, 0.3926, 0.4146



19.3630, 0.2218, 0.3046

Complementary

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



19.3630, 0.3247, 0.2666



27.1257, 0.3027, 0.4007

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.



19.3630, 0.2489, 0.3578



19.3630, 0.3247, 0.2666



19.3630, 0.3469, 0.4263

Square

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



19.3630, 0.3247, 0.2666



19.3630, 0.4178, 0.3815



19.3630, 0.2942, 0.4056



19.3630, 0.2171, 0.2650

Rectangle

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



19.3630, 0.3247, 0.2666



19.3630, 0.4040, 0.3261



19.3630, 0.2942, 0.4056



19.3630, 0.2285, 0.3215

Sweetspot

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



19.3639, 0.3247, 0.2666



49.1690, 0.3159, 0.3104



16.3871, 0.2690, 0.2458



10.6193, 0.3164, 0.3077



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



19.3639, 0.3247, 0.2666



31.0136, 0.3279, 0.2528



18.7216, 0.3549, 0.3023



6.3074, 0.3159, 0.3103



6.9257, 0.3626, 0.1771



0.1074, 0.3416, 0.1655

Inverse Universe

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



19.3639, 0.3247, 0.2666



31.0136, 0.3279, 0.2528



27.7137, 0.2834, 0.3576



6.3074, 0.3159, 0.3103



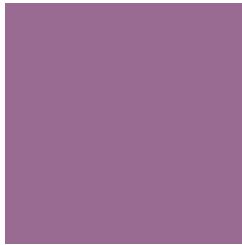
6.9257, 0.3626, 0.1771



0.1074, 0.3416, 0.1655

Previews

White Background



This preview shows how the Yxy color 19.3630, 0.3247, 0.2666 looks on a white background.

Color Contrast Check

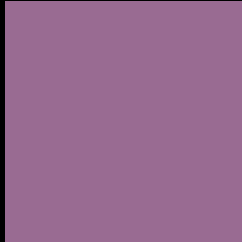
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3630, 0.3247, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

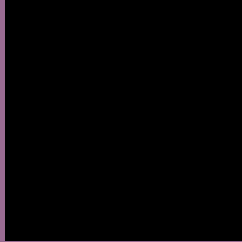
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3630, 0.3247, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 19.3630, 0.3247, 0.2666.



This preview shows how white text looks on a background with the Yxy color 19.3630, 0.3247, 0.2666.

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

19.3630, 0.3247, 0.2666

Protanopia

19.5858, 0.2676, 0.2667

Deuteranopia

19.4182, 0.2899, 0.2843



Tritanopia

19.4284, 0.3535, 0.3156

Trichromacy



Original Color

19.3630, 0.3247, 0.2666

Protanomaly

19.3470, 0.2871, 0.2668

Deuteranomaly

19.3741, 0.3016, 0.2773

Tritanomaly

19.3161, 0.3434, 0.2975

Monochromacy



Original Color

19.3630, 0.3247, 0.2666

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8012, 0.3164, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3630, 0.3247, 0.2666 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(153, 107, 146)` looks like.

```
.text, #text, p{  
    color:rgb(153, 107, 146)  
}
```

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(153, 107, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 107, 146) }
```

Border

The CSS property to change the border of an element to Yxy 19.3630, 0.3247, 0.2666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

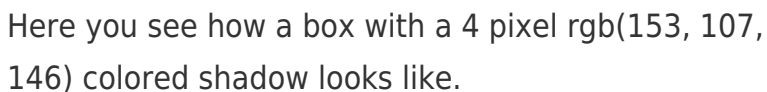
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 107, 146) }
```

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

```
.border{ border-color:rgb(153, 107, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 107, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 107, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 107, 146); box-shadow:4px 4px 4px 4px rgb(153, 107, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3630, 0.3247, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 107, 146) }
```

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

```
.background{ background-color: rgb(153,  
107, 146) }
```

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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