

Converting Colors

$Yxy(18.0163, 0.3120, 0.2396)$

Have a look what the booklet for
Yxy(18.0163, 0.3120, 0.2396)
contains.

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Color

Yxy(17.9994, 0.3117, 0.2397)

Conversions

Conversions Part 1

Format	Color
Hex	98639C
RGB	152, 99, 156
RGB Percent	60%, 39%, 61%
CMY	0.4040, 0.6117, 0.3883
CMYK	0.03, 0.37, 0.00, 0.39
HSL	296°, 22%, 50%
HSV	296°, 37%, 61%
XYZ	23.4060, 17.9994, 33.6860
YIQ	121.3450, 13.2910, 28.9630

Conversions

Conversions Part 2

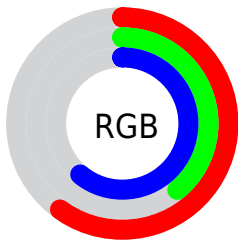
Format	Color
R_{YB}	152, 99, 156
Decimal	9986972
CIE _{Lab}	49.50, 31.09, -22.34
CIE _{LCh}	49, 38.289, 324.298
Yxy	17.9994, 0.3117, 0.2397
Android (android.graphics.Color)	4288177052 (0xFF98639C)
YUV	121.3450, 17.0849, 26.8844
Hunter-Lab	42.4257, 24.2323, -17.3782

Details

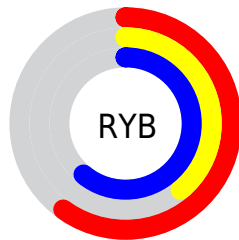
The Yxy color $17.9994, 0.3117, 0.2397$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.5589, 0.3114, 0.4348$, and the grayscale version is $19.1788, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.1018, 0.3123, 0.2579$, and $6.0969, 0.3083, 0.2091$ is the 20% darker color. If you saturate the color by 10%, you get $15.2183, 0.3109, 0.2164$, and if you desaturate by 10%, it is $21.3540, 0.3122, 0.2642$.

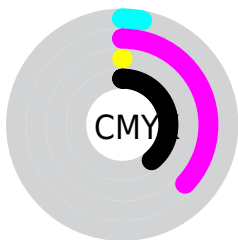
Distribution



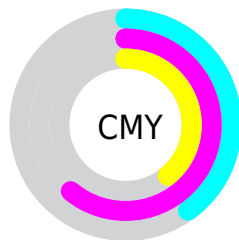
- Red (60%)
- Green (39%)
- Blue (61%)



- Red (60%)
- Yellow (39%)
- Blue (61%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (39%)




- Cyan (40%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9994, 0.3117, 0.2397 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 17.9994, 0.3117, 0.2397 by changing the saturation by 10% instead.


 17.9994, 0.3117,
0.2397


 17.9994, 0.3117,
0.2397


240.8677, 0.3135,
0.2879


 10.9496, 0.3106,
0.2265


 40.0363, 0.3128,
0.2581


 6.0329, 0.3087,
0.2089


 55.7922, 0.3130,
0.2647

 2.8651, 0.3052,
0.1843

 75.2188, 0.3132,
0.2702

 1.0617, 0.2976,
0.1483

 98.7006, 0.3133,
0.2749

 0.0000, 0.3052,
0.0000

126.6220, 0.3134,
0.2788

 0.0000, 0.0000,
0.0000

159.3674, 0.3135,

0.2823

197.3212, 0.3135,
0.2853

■ 17.9994, 0.3117,
0.2397

■ 17.9994, 0.3117,
0.2397

■ 15.2183, 0.3109,
0.2164

■ 21.3540, 0.3122,
0.2642

■ 12.9752, 0.3100,
0.1953

■ 25.3101, 0.3126,
0.2890

■ 11.2347, 0.3088,
0.1772


■ 29.8966, 0.3127,
0.3135

■ 9.9559, 0.3074,
0.1629


■ 35.1400, 0.3127,
0.3371

■ 9.0915, 0.3058,
0.1527


■ 41.0651, 0.3126,
0.3594

 8.5713, 0.3041,
0.1464

 47.6957, 0.3124,
0.3801

 8.4185, 0.3035,
0.1446

 55.0541, 0.3121,
0.3992

 63.1620, 0.3118,
0.4167

 72.0397, 0.3114,
0.4326

Harmonies

Analogous

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



17.9994, 0.2453, 0.2192



17.9994, 0.3117, 0.2397



17.9994, 0.3868, 0.2784

Triad

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



17.9994, 0.3117, 0.2397



17.9994, 0.4290, 0.4336



17.9994, 0.1968, 0.3076

Complementary

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



17.9994, 0.3117, 0.2397



27.5589, 0.3114, 0.4348

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.



17.9994, 0.2368, 0.3850



17.9994, 0.3117, 0.2397



17.9994, 0.3705, 0.4631

Square

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



17.9994, 0.3117, 0.2397



17.9994, 0.4579, 0.3833



17.9994, 0.3001, 0.4481



17.9994, 0.1855, 0.2500

Rectangle

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



17.9994, 0.3117, 0.2397



17.9994, 0.4283, 0.3111



17.9994, 0.3001, 0.4481



17.9994, 0.2070, 0.3324

Sweetspot

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



18.0002, 0.3117, 0.2397



50.2506, 0.3127, 0.3021



14.9080, 0.2494, 0.2313



10.8313, 0.3126, 0.2991



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



18.0002, 0.3117, 0.2397



28.4098, 0.3111, 0.2201



17.6672, 0.3483, 0.2753



6.7308, 0.3127, 0.3069



6.9420, 0.3037, 0.1446



0.1305, 0.3111, 0.1487

Inverse Universe

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



16.9744, 0.3918, 0.3225



26.2961, 0.4198, 0.3211



27.8497, 0.2885, 0.3901



6.6534, 0.3273, 0.3275



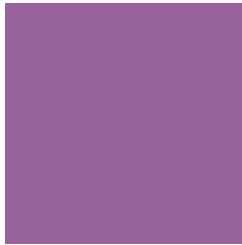
5.8439, 0.6301, 0.3245



0.1065, 0.5857, 0.3000

Previews

White Background



This preview shows how the Yxy color 17.9994, 0.3117, 0.2397 looks on a white background.

Color Contrast Check

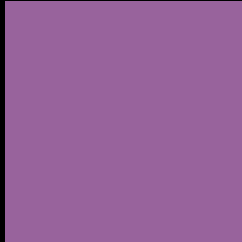
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.9994, 0.3117, 0.2397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

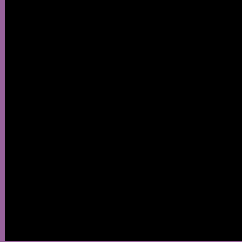
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9994, 0.3117, 0.2397

Background



This preview shows how black text looks on a background with the Yxy color 17.9994, 0.3117, 0.2397.



This preview shows how white text looks on a background with the Yxy color 17.9994, 0.3117, 0.2397.

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

17.9994, 0.3117, 0.2397

Protanopia

18.1221, 0.2440, 0.2355

Deuteranopia

18.1702, 0.2673, 0.2619



Tritanopia

17.9794, 0.3565, 0.3136

Trichromacy



Original Color

17.9994, 0.3117, 0.2397

Protanomaly

17.8253, 0.2657, 0.2366

Deuteranomaly

17.9206, 0.2822, 0.2527

Tritanomaly

17.9289, 0.3394, 0.2838

Monochromacy



Original Color

17.9994, 0.3117, 0.2397

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4370, 0.3119, 0.2916

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9994, 0.3117, 0.2397 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(152, 99, 156)` looks like.

```
.text, #text, p{  
    color:rgb(152, 99, 156)  
}
```

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(152, 99, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 99, 156) }
```

Border

The CSS property to change the border of an element to Yxy 17.9994, 0.3117, 0.2397 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(152, 99, 156) }
```

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

```
.border{ border-color:rgb(152, 99, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 99, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 99, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 99, 156);  
box-shadow:4px 4px 4px 4px rgb(152, 99,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9994, 0.3117, 0.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 99, 156) }
```

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

```
.background{ background-color: rgb(152, 99,  
156) }
```

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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