

Converting Colors

$Y_{xy}(17.5651, 0.3020, 0.2353)$

Have a look what the booklet for
Yxy(17.5651, 0.3020, 0.2353)
contains.

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Color

Yxy(17.5033, 0.3017, 0.2348)

Conversions

Conversions Part 1

Format	Color
Hex	92639E
RGB	146, 99, 158
RGB Percent	57%, 39%, 62%
CMY	0.4274, 0.6118, 0.3803
CMYK	0.08, 0.37, 0.00, 0.38
HSL	288°, 23%, 50%
HSV	288°, 37%, 62%
XYZ	22.4904, 17.5033, 34.5519
YIQ	119.7790, 9.0730, 28.3130

Conversions

Conversions Part 2

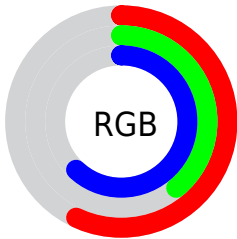
Format	Color
R_{YB}	146, 99, 158
Decimal	9593758
CIE _{Lab}	48.89, 29.57, -24.54
CIE _{LCh}	49, 38.427, 320.310
Yxy	17.5033, 0.3017, 0.2348
Android (android.graphics.Color)	4287783838 (0xFF92639E)
YUV	119.7790, 18.8430, 22.9958
Hunter-Lab	41.8369, 22.7421, -19.6800

Details

The Yxy color **17.5033, 0.3017, 0.2348** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.7430, 0.3187, 0.4353**, and the grayscale version is **18.6453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3548, 0.3051, 0.2546**, and **5.7879, 0.2948, 0.2031** is the 20% darker color. If you saturate the color by 10%, you get **14.5067, 0.2975, 0.2098**, and if you desaturate by 10%, it is **21.0956, 0.3054, 0.2606**.

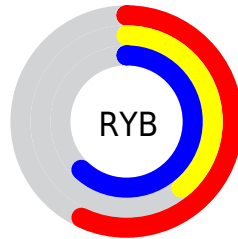
Distribution



Red (57%)

Green (39%)

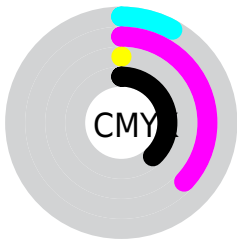
Blue (62%)



Red (57%)

Yellow (39%)

Blue (62%)

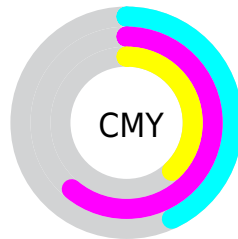


Cyan (8%)

Magenta (37%)

Yellow (0%)

Black (38%)



Cyan (43%)


Magenta (61%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5033, 0.3017, 0.2348 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 17.5033, 0.3017, 0.2348 by changing the saturation by 10% instead.


 17.5033, 0.3017,
0.2348


 17.5033, 0.3017,
0.2348


238.0563, 0.3093,
0.2857


 10.5940, 0.2989,
0.2209


 39.1891, 0.3051,
0.2542


 5.7945, 0.2945,
0.2023


 54.7344, 0.3061,
0.2612

 2.7205, 0.2873,
0.1764

 73.9271, 0.3070,
0.2671

 0.9876, 0.2739,
0.1389

 97.1517, 0.3076,
0.2720

 0.0000, 0.2599,
0.0000

124.7925, 0.3082,
0.2762

 0.0000, 0.0000,
0.0000

157.2340, 0.3086,

0.2798

194.8604, 0.3090,
0.2829

■ 17.5033, 0.3017,
0.2348

■ 17.5033, 0.3017,
0.2348

■ 14.5067, 0.2975,
0.2098

■ 21.0956, 0.3054,
0.2606

■ 12.0691, 0.2928,
0.1865

■ 25.3129, 0.3085,
0.2864

■ 10.1534, 0.2878,
0.1661


■ 30.1853, 0.3111,
0.3114

■ 8.7167, 0.2825,
0.1493


■ 35.7404, 0.3132,
0.3351


■ 7.7094, 0.2772,
0.1368

■ 42.0039, 0.3149,
0.3574

 7.0503, 0.2719,
0.1284

 49.0006, 0.3162,
0.3779

 6.8947, 0.2705,
0.1264

 56.7536, 0.3172,
0.3967

 65.2854, 0.3180,
0.4138

 74.6174, 0.3185,
0.4293

Harmonies

Analogous

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



17.5033, 0.2371, 0.2169



17.5033, 0.3017, 0.2348



17.5033, 0.3781, 0.2717

Triad

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



17.5033, 0.3017, 0.2348



17.5033, 0.4363, 0.4286



17.5033, 0.1992, 0.3170

Complementary

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



17.5033, 0.3017, 0.2348



28.7430, 0.3187, 0.4353

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.



17.5033, 0.2433, 0.3961



17.5033, 0.3017, 0.2348



17.5033, 0.3800, 0.4630

Square

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



17.5033, 0.3017, 0.2348



17.5033, 0.4604, 0.3764



17.5033, 0.3093, 0.4550



17.5033, 0.1840, 0.2550

Rectangle

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



17.5033, 0.3017, 0.2348



17.5033, 0.4225, 0.3039



17.5033, 0.3093, 0.4550



17.5033, 0.2108, 0.3428

Sweetspot

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



17.5040, 0.3017, 0.2348



51.2394, 0.3102, 0.3019



16.6626, 0.2497, 0.2435



11.2979, 0.3098, 0.2987



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.5040, 0.3017, 0.2348



27.0730, 0.2982, 0.2134



18.1262, 0.3386, 0.2623



6.6864, 0.3107, 0.3067



5.5369, 0.2709, 0.1266



0.1149, 0.2923, 0.1384

Inverse Universe

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



17.3421, 0.3825, 0.3095



26.8260, 0.4070, 0.3051



28.3690, 0.2942, 0.4069



6.6671, 0.3254, 0.3245



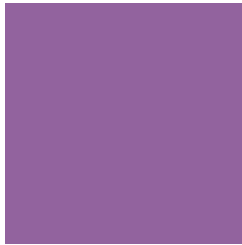
5.9108, 0.6021, 0.3090



0.1109, 0.5102, 0.2584

Previews

White Background



This preview shows how the Yxy color 17.5033, 0.3017, 0.2348 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 17.5033, 0.3017, 0.2348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

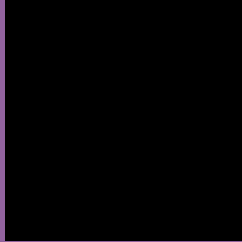
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5033, 0.3017, 0.2348

Background



This preview shows how black text looks on a background with the Yxy color 17.5033, 0.3017, 0.2348.



This preview shows how white text looks on a background with the Yxy color 17.5033, 0.3017, 0.2348.

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

17.5033, 0.3017, 0.2348

Protanopia

17.7604, 0.2403, 0.2316

Deuteranopia

17.6922, 0.2601, 0.2558



Tritanopia

17.5615, 0.3465, 0.3148

Trichromacy



Original Color

17.5033, 0.3017, 0.2348

Protanomaly

17.3353, 0.2584, 0.2307

Deuteranomaly

17.4025, 0.2743, 0.2467

Tritanomaly

17.4926, 0.3297, 0.2841

Monochromacy



Original Color

17.5033, 0.3017, 0.2348

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.9767, 0.3082, 0.2893

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5033, 0.3017, 0.2348 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(146, 99, 158)` looks like.

```
.text, #text, p{  
    color:rgb(146, 99, 158)  
}
```

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(146, 99, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 99, 158) }
```

Border

The CSS property to change the border of an element to Yxy 17.5033, 0.3017, 0.2348 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(146, 99, 158) }
```

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

```
.border{ border-color:rgb(146, 99, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 99, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 99, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 99, 158);  
box-shadow:4px 4px 4px 4px rgb(146, 99,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5033, 0.3017, 0.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 99, 158) }
```

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

```
.background{ background-color: rgb(146, 99,  
158) }
```

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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