

Converting Colors

$Y_{xy}(17.8071, 0.3494, 0.2929)$

Have a look what the booklet for
Yxy(17.8071, 0.3494, 0.2929)
contains.

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Color

Yxy(17.8653, 0.3490, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	96687D
RGB	150, 104, 125
RGB Percent	59%, 41%, 49%
CMY	0.4118, 0.5921, 0.5098
CMYK	0.00, 0.31, 0.17, 0.41
HSL	333°, 18%, 50%
HSV	333°, 31%, 59%
XYZ	21.2291, 17.8653, 21.7340
YIQ	120.1480, 20.6750, 16.2830

Conversions

Conversions Part 2

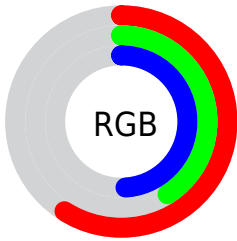
Format	Color
R_{YB}	150, 104, 125
Decimal	9857149
CIE _{Lab}	49.33, 21.76, -4.24
CIE _{LCh}	49, 22.171, 348.969
Yxy	17.8653, 0.3490, 0.2937
Android (android.graphics.Color)	4288047229 (0xFF96687D)
YUV	120.1480, 2.3920, 26.1802
Hunter-Lab	42.2674, 15.6851, -0.8999

Details

The Yxy color **17.8653, 0.3490, 0.2937** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3389, 0.2871, 0.3674**, and the grayscale version is **18.8199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9704, 0.3403, 0.3016**, and **5.9468, 0.3645, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **14.9103, 0.3658, 0.2818**, and if you desaturate by 10%, it is **21.3761, 0.3349, 0.3057**.

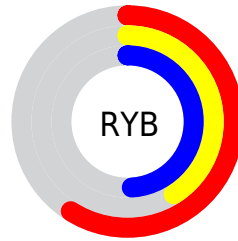
Distribution



Red (59%)

Green (41%)

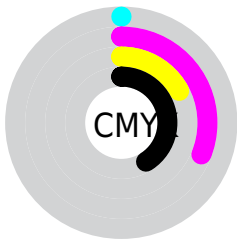
Blue (49%)



Red (59%)

Yellow (41%)

Blue (49%)

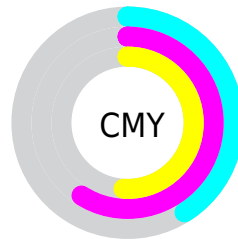


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (41%)



Cyan (41%)


Magenta (59%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8653, 0.3490, 0.2937 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 17.8653, 0.3490, 0.2937 by changing the saturation by 10% instead.


 17.8653, 0.3490,
0.2937

 17.8653, 0.3490,
0.2937


240.1107, 0.3282,
0.3137


 10.8533, 0.3553,
0.2877


 39.8077, 0.3407,
0.3016


 5.9683, 0.3644,
0.2793


 55.5068, 0.3378,
0.3044

 2.8258, 0.3782,
0.2666

 74.8705, 0.3354,
0.3067

 1.0415, 0.4021,
0.2453

 98.2832, 0.3335,
0.3086

 0.0000, 0.6808,
0.0000

126.1291, 0.3319,
0.3101

 0.0000, 0.0000,
0.0000

158.7927, 0.3305,

0.3115

196.6585, 0.3293,
0.3127

■ 17.8653, 0.3490,
0.2937

■ 17.8653, 0.3490,
0.2937

■ 14.9103, 0.3658,
0.2818

■ 21.3761, 0.3349,
0.3057

■ 12.4798, 0.3854,
0.2707

■ 25.4671, 0.3231,
0.3173

■ 10.5431, 0.4079,
0.2611


■ 30.1641, 0.3133,
0.3283


■ 9.0653, 0.4328,
0.2543


■ 35.4906, 0.3052,
0.3386

■ 8.0068, 0.4592,
0.2514


■ 41.4689, 0.2985,
0.3481


 7.3211, 0.4860,
0.2534

 48.1202, 0.2930,
0.3569

 6.9069, 0.5106,
0.2586

 55.4647, 0.2884,
0.3650

 63.5218, 0.2846,
0.3723

 72.3100, 0.2814,
0.3791

Harmonies

Analogous

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



17.8653, 0.3056, 0.2704



17.8653, 0.3490, 0.2937



17.8653, 0.3838, 0.3255

Triad

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



17.8653, 0.3490, 0.2937



17.8653, 0.3565, 0.4055



17.8653, 0.2343, 0.2890

Complementary

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



17.8653, 0.3490, 0.2937



26.3389, 0.2871, 0.3674

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.



17.8653, 0.2459, 0.3263



17.8653, 0.3490, 0.2937



17.8653, 0.3151, 0.3984

Square

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



17.8653, 0.3490, 0.2937



17.8653, 0.3874, 0.3897



17.8653, 0.2748, 0.3680



17.8653, 0.2417, 0.2661

Rectangle

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



17.8653, 0.3490, 0.2937



17.8653, 0.3960, 0.3486



17.8653, 0.2748, 0.3680



17.8653, 0.2360, 0.3001

Sweetspot

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



17.8661, 0.3490, 0.2937



46.1084, 0.3215, 0.3190



16.7342, 0.2891, 0.2489



9.9872, 0.3229, 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.



17.8661, 0.3490, 0.2937



27.7463, 0.3606, 0.2853



17.6963, 0.3784, 0.3318



5.8568, 0.3215, 0.3189



5.7353, 0.5089, 0.2577



0.0760, 0.4145, 0.2057

Inverse Universe

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



17.8661, 0.3490, 0.2937



27.7463, 0.3606, 0.2853



26.4699, 0.2696, 0.3262



5.8568, 0.3215, 0.3189



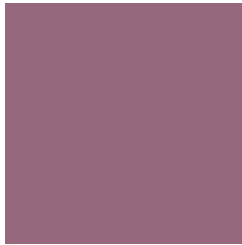
5.7353, 0.5089, 0.2577



0.0760, 0.4145, 0.2057

Previews

White Background



This preview shows how the Yxy color 17.8653, 0.3490, 0.2937 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 17.8653, 0.3490, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

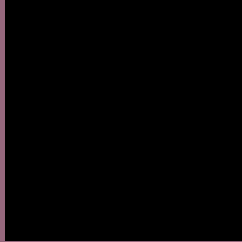
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8653, 0.3490, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 17.8653, 0.3490, 0.2937.



This preview shows how white text looks on a background with the Yxy color 17.8653, 0.3490, 0.2937.

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

17.8653, 0.3490, 0.2937

Protanopia

18.0609, 0.2921, 0.2987

Deuteranopia

17.9003, 0.3174, 0.3122



Tritanopia

17.9125, 0.3625, 0.3154

Trichromacy



Original Color

17.8653, 0.3490, 0.2937

Protanomaly

17.7892, 0.3117, 0.2961

Deuteranomaly

17.7580, 0.3286, 0.3038

Tritanomaly

17.8007, 0.3572, 0.3069

Monochromacy



Original Color

17.8653, 0.3490, 0.2937

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2651, 0.3251, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8653, 0.3490, 0.2937 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(150, 104, 125)` looks like.

```
.text, #text, p{  
    color:rgb(150, 104, 125)  
}
```

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(150, 104, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 104, 125) }
```

Border

The CSS property to change the border of an element to Yxy 17.8653, 0.3490, 0.2937 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(150, 104, 125) }
```

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

```
.border{ border-color:rgb(150, 104, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 104, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 104, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 104, 125);  
box-shadow:4px 4px 4px 4px rgb(150, 104,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8653, 0.3490, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 104, 125) }
```

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

```
.background{ background-color: rgb(150,  
104, 125) }
```

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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