

Converting Colors

$Y_{xy}(18.9945, 0.3426, 0.3124)$

Have a look what the booklet for
Yxy(18.9945, 0.3426, 0.3124)
contains.

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Color

Yxy(18.9228, 0.3428, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	90707A
RGB	144, 112, 122
RGB Percent	56%, 44%, 48%
CMY	0.4353, 0.5608, 0.5215
CMYK	0.00, 0.22, 0.15, 0.44
HSL	341°, 13%, 50%
HSV	341°, 22%, 56%
XYZ	20.8108, 18.9228, 20.9747
YIQ	122.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

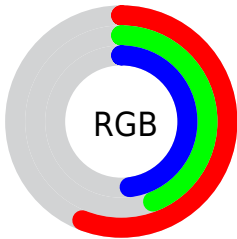
Format	Color
R_{YB}	144, 112, 122
Decimal	9465978
CIE _{Lab}	50.60, 14.31, -0.69
CIE _{LCh}	51, 14.322, 357.258
Yxy	18.9228, 0.3428, 0.3117
Android (android.graphics.Color)	4287656058 (0xFF90707A)
YUV	122.7080, -0.3490, 18.6731
Hunter-Lab	43.5003, 9.2699, 1.8621

Details

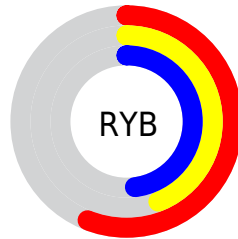
The Yxy color **18.9228, 0.3428, 0.3117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.1148, 0.2896, 0.3471**, and the grayscale version is **19.7044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6127, 0.3360, 0.3163**, and **6.4750, 0.3565, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **15.7630, 0.3612, 0.3034**, and if you desaturate by 10%, it is **22.6176, 0.3276, 0.3198**.

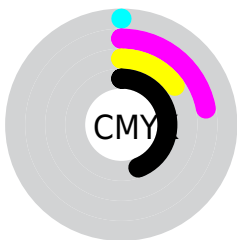
Distribution



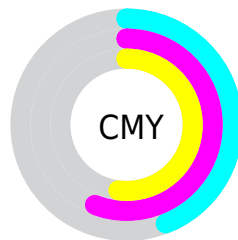
- Red (56%)
- Green (44%)
- Blue (48%)



- Red (56%)
- Yellow (44%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9228, 0.3428, 0.3117 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 18.9228, 0.3428, 0.3117 by changing the saturation by 10% instead.


 18.9228, 0.3428,
0.3117


 18.9228, 0.3428,
0.3117


246.0222, 0.3255,
0.3216


 11.6145, 0.3481,
0.3087


 41.6036, 0.3359,
0.3157


 6.4818, 0.3556,
0.3044


 57.7449, 0.3335,
0.3170

 3.1402, 0.3673,
0.2978

 77.5994, 0.3315,
0.3182

 1.2053, 0.3874,
0.2865

 101.5513, 0.3299,
0.3191

 0.0661, 0.6891,
0.1105

129.9852, 0.3286,
0.3199

 0.0000, 0.0000,
0.0000

163.2854, 0.3274,

0.3205

201.8363, 0.3264,
0.3211

■ 18.9228, 0.3428,
0.3117

■ 18.9228, 0.3428,
0.3117

■ 15.7630, 0.3612,
0.3034

■ 22.6176, 0.3276,
0.3198

■ 13.1107, 0.3834,
0.2953

■ 26.8680, 0.3152,
0.3274

■ 10.9400, 0.4096,
0.2879


■ 31.6967, 0.3050,
0.3345

■ 9.2214, 0.4398,
0.2820


■ 37.1244, 0.2966,
0.3410


■ 7.9225, 0.4732,
0.2788


■ 43.1707, 0.2897,
0.3470


 7.0062, 0.5082,
0.2792


 49.8544, 0.2840,
0.3525

 6.4289, 0.5419,
0.2841

 57.1934, 0.2793,
0.3575

 6.1203, 0.5666,
0.2895

 65.2050, 0.2753,
0.3620

 73.9057, 0.2720,
0.3662

Harmonies

Analogous

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



18.9228, 0.3163, 0.2941



18.9228, 0.3428, 0.3117



18.9228, 0.3614, 0.3339

Triad

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



18.9228, 0.3428, 0.3117



18.9228, 0.3344, 0.3771



18.9228, 0.2618, 0.2990

Complementary

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



18.9228, 0.3428, 0.3117



25.1148, 0.2896, 0.3471

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.



18.9228, 0.2662, 0.3209



18.9228, 0.3428, 0.3117



18.9228, 0.3074, 0.3678

Square

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



18.9228, 0.3428, 0.3117



18.9228, 0.3562, 0.3721



18.9228, 0.2826, 0.3466



18.9228, 0.2702, 0.2863

Rectangle

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



18.9228, 0.3428, 0.3117



18.9228, 0.3664, 0.3489



18.9228, 0.2826, 0.3466



18.9228, 0.2618, 0.3055

Sweetspot

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



18.9237, 0.3428, 0.3117



43.5732, 0.3210, 0.3237



18.6596, 0.3026, 0.2736



9.9067, 0.3216, 0.3233



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



18.9237, 0.3428, 0.3117



30.2899, 0.3522, 0.3073



20.0254, 0.3540, 0.3394



5.4502, 0.3235, 0.3221



5.3328, 0.5652, 0.2887



0.0546, 0.4592, 0.2304

Inverse Universe

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



18.9237, 0.3428, 0.3117



30.2899, 0.3522, 0.3073



23.6758, 0.2800, 0.3184



5.4502, 0.3235, 0.3221



5.3328, 0.5652, 0.2887



0.0546, 0.4592, 0.2304

Previews

White Background



This preview shows how the Yxy color 18.9228, 0.3428, 0.3117 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 18.9228, 0.3428, 0.3117 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 18.9228, 0.3428, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 18.9228, 0.3428, 0.3117.



This preview shows how white text looks on a background with the Yxy color 18.9228, 0.3428, 0.3117.

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

18.9228, 0.3428, 0.3117

Protanopia

19.0302, 0.3060, 0.3159

Deuteranopia

19.0086, 0.3272, 0.3218



Tritanopia

18.8981, 0.3441, 0.3135

Trichromacy



Original Color

18.9228, 0.3428, 0.3117

Protanomaly

18.8704, 0.3185, 0.3144

Deuteranomaly

18.8762, 0.3328, 0.3183

Tritanomaly

18.8981, 0.3441, 0.3135

Monochromacy



Original Color

18.9228, 0.3428, 0.3117

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.4490, 0.3231, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9228, 0.3428, 0.3117 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(144, 112, 122)` looks like.

```
.text, #text, p{  
    color:rgb(144, 112, 122)  
}
```

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(144, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 112, 122) }
```

Border

The CSS property to change the border of an element to Yxy 18.9228, 0.3428, 0.3117 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(144, 112, 122) }
```

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

```
.border{ border-color:rgb(144, 112, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 112, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(144, 112,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9228, 0.3428, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 112, 122) }
```

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

```
.background{ background-color: rgb(144,  
112, 122) }
```

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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