

Converting Colors

$Y_{xy}(17.4040, 0.3626, 0.2900)$

Have a look what the booklet for
Yxy(17.4040, 0.3626, 0.2900)
contains.

Yxy(17.4217, 0.3617, 0.2898)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.4217, 0.3617, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	9C637B
RGB	156, 99, 123
RGB Percent	61%, 39%, 48%
CMY	0.3883, 0.6117, 0.5177
CMYK	0.00, 0.37, 0.21, 0.39
HSL	335°, 22%, 50%
HSV	335°, 37%, 61%
XYZ	21.7441, 17.4217, 20.9505
YIQ	118.7790, 26.2680, 19.5480

Conversions

Conversions Part 2

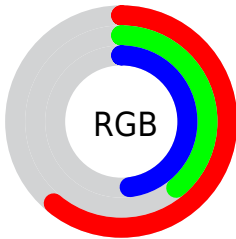
Format	Color
R_{YB}	156, 99, 123
Decimal	10249083
CIE _{Lab}	48.79, 26.55, -3.76
CIE _{LCh}	49, 26.811, 351.936
Yxy	17.4217, 0.3617, 0.2898
Android (android.graphics.Color)	4288439163 (0xFF9C637B)
YUV	118.7790, 2.0810, 32.6428
Hunter-Lab	41.7393, 19.9456, -0.5424

Details

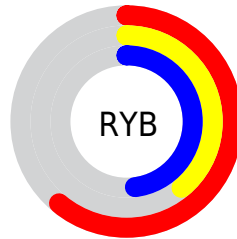
The Yxy color **17.4217, 0.3617, 0.2898** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0911, 0.2810, 0.3724**, and the grayscale version is **18.3619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2254, 0.3511, 0.2997**, and **5.7456, 0.3830, 0.2746** is the 20% darker color. If you saturate the color by 10%, you get **14.5305, 0.3816, 0.2791**, and if you desaturate by 10%, it is **20.9063, 0.3449, 0.3009**.

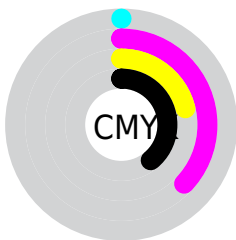
Distribution



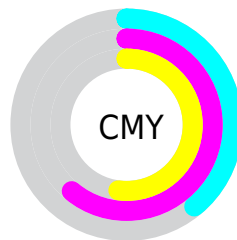
- Red (61%)
- Green (39%)
- Blue (48%)



- Red (61%)
- Yellow (39%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (21%)
- Black (39%)





- Cyan (39%)
- Magenta (61%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4217, 0.3617, 0.2898 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 17.4217, 0.3617, 0.2898 by changing the saturation by 10% instead.


 17.4217, 0.3617,
0.2898


 17.4217, 0.3617,
0.2898


237.5909, 0.3335,
0.3121


 10.5356, 0.3704,
0.2831


 39.0494, 0.3504,
0.2987


 5.7555, 0.3828,
0.2736


 54.5598, 0.3464,
0.3018

 2.6970, 0.4019,
0.2593

 73.7138, 0.3433,
0.3043

 0.9757, 0.4350,
0.2352

 96.8957, 0.3406,
0.3064

 0.0000, 0.8168,
0.0000

124.4900, 0.3384,
0.3081

 0.0000, 0.0000,
0.0000

156.8810, 0.3365,

0.3097

194.4532, 0.3349,
0.3110

■ 17.4217, 0.3617,
0.2898

■ 17.4217, 0.3617,
0.2898

■ 14.5305, 0.3816,
0.2791

■ 20.9063, 0.3449,
0.3009

■ 12.1968, 0.4047,
0.2696

■ 25.0127, 0.3308,
0.3119

■ 10.3843, 0.4308,
0.2624


■ 29.7705, 0.3192,
0.3225


■ 9.0516, 0.4591,
0.2586


■ 35.2066, 0.3096,
0.3324

■ 8.1508, 0.4882,
0.2593

■ 41.3464, 0.3017,
0.3416

 7.6109, 0.5164,
0.2650

 48.2140, 0.2951,
0.3501

 7.4553, 0.5262,
0.2672

 55.8323, 0.2897,
0.3579

 64.2233, 0.2852,
0.3650

 73.4079, 0.2815,
0.3715

Harmonies

Analogous

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



17.4217, 0.3088, 0.2611



17.4217, 0.3617, 0.2898



17.4217, 0.4026, 0.3280

Triad

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



17.4217, 0.3617, 0.2898



17.4217, 0.3604, 0.4231



17.4217, 0.2185, 0.2761

Complementary

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



17.4217, 0.3617, 0.2898



28.0911, 0.2810, 0.3724

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.



17.4217, 0.2297, 0.3198



17.4217, 0.3617, 0.2898



17.4217, 0.3097, 0.4125

Square

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



17.4217, 0.3617, 0.2898



17.4217, 0.4003, 0.4046



17.4217, 0.2622, 0.3722



17.4217, 0.2295, 0.2515

Rectangle

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



17.4217, 0.3617, 0.2898



17.4217, 0.4155, 0.3554



17.4217, 0.2622, 0.3722



17.4217, 0.2198, 0.2888

Sweetspot

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



17.4225, 0.3617, 0.2898



49.8750, 0.3244, 0.3176



16.1754, 0.2856, 0.2325



10.7402, 0.3258, 0.3163



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.



17.4225, 0.3617, 0.2898



27.1935, 0.3781, 0.2808



17.6308, 0.3957, 0.3356



6.6901, 0.3222, 0.3196



6.1489, 0.5244, 0.2662



0.1182, 0.4308, 0.2147

Inverse Universe

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



17.4225, 0.3617, 0.2898



27.1935, 0.3781, 0.2808



27.5699, 0.2619, 0.3222



6.6901, 0.3222, 0.3196



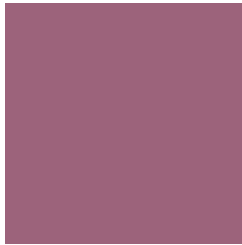
6.1489, 0.5244, 0.2662



0.1182, 0.4308, 0.2147

Previews

White Background



This preview shows how the Yxy color 17.4217, 0.3617, 0.2898 looks on a white background.

Color Contrast Check

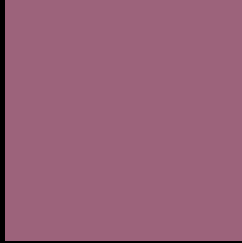
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4217, 0.3617, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

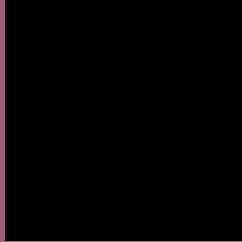
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4217, 0.3617, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 17.4217, 0.3617, 0.2898.



This preview shows how white text looks on a background with the Yxy color 17.4217, 0.3617, 0.2898.

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

17.4217, 0.3617, 0.2898

Protanopia

17.4656, 0.2896, 0.2945

Deuteranopia

17.6264, 0.3200, 0.3140



Tritanopia

17.2815, 0.3789, 0.3157

Trichromacy



Original Color

17.4217, 0.3617, 0.2898

Protanomaly

17.1894, 0.3144, 0.2924

Deuteranomaly

17.4486, 0.3343, 0.3039

Tritanomaly

17.2978, 0.3733, 0.3059

Monochromacy



Original Color

17.4217, 0.3617, 0.2898

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.8499, 0.3293, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4217, 0.3617, 0.2898 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(156, 99, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 99, 123)  
}
```

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(156, 99, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 99, 123) }
```

Border

The CSS property to change the border of an element to Yxy 17.4217, 0.3617, 0.2898 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(156, 99, 123) }
```

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

```
.border{ border-color:rgb(156, 99, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 99, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 99, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 99, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 99,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4217, 0.3617, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 99, 123) }
```

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

```
.background{ background-color: rgb(156, 99,  
123) }
```

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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