

Converting Colors

$Y_{xy}(17.8653, 0.3279, 0.2914)$

Have a look what the booklet for
Yxy(17.8653, 0.3279, 0.2914)
contains.

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Color

Yxy(17.9123, 0.3279, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	8C6C82
RGB	140, 108, 130
RGB Percent	55%, 42%, 51%
CMY	0.4509, 0.5765, 0.4901
CMYK	0.00, 0.23, 0.07, 0.45
HSL	319°, 13%, 49%
HSV	319°, 23%, 55%
XYZ	20.2114, 17.9123, 23.5153
YIQ	120.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

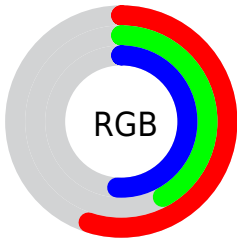
Format	Color
R_{YB}	140, 108, 130
Decimal	9202818
CIE _{Lab}	49.39, 16.59, -7.25
CIE _{LCh}	49, 18.104, 336.381
Yxy	17.9123, 0.3279, 0.2906
Android (android.graphics.Color)	4287392898 (0xFF8C6C82)
YUV	120.0760, 4.8925, 17.4733
Hunter-Lab	42.3229, 11.1781, -3.3164

Details

The Yxy color $17.9123, 0.3279, 0.2906$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $23.2609, 0.3002, 0.3708$, and the grayscale version is $18.7903, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.0298, 0.3245, 0.2995$, and $5.9496, 0.3324, 0.2739$ is the 20% darker color. If you saturate the color by 10%, you get $15.0781, 0.3364, 0.2732$, and if you desaturate by 10%, it is $21.2276, 0.3206, 0.3078$.

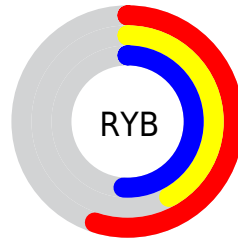
Distribution



Red (55%)

Green (42%)

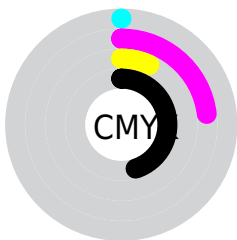
Blue (51%)



Red (55%)

Yellow (42%)

Blue (51%)

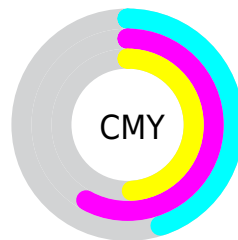


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (45%)



Cyan (45%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.9123, 0.3279, 0.2906 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 17.9123, 0.3279, 0.2906 by changing the saturation by 10% instead.


 17.9123, 0.3279,
0.2906


 17.9123, 0.3279,
0.2906


240.3763, 0.3194,
0.3123


 10.8870, 0.3304,
0.2842


 39.8878, 0.3245,
0.2992


 5.9909, 0.3339,
0.2752


 55.6069, 0.3234,
0.3022

 2.8396, 0.3391,
0.2617

 74.9927, 0.3224,
0.3046

 1.0486, 0.3476,
0.2395

 98.4296, 0.3216,
0.3066

 0.0000, 0.4401,
0.0000

126.3020, 0.3209,
0.3084

 0.0000, 0.0000,
0.0000

158.9943, 0.3203,

0.3099

196.8909, 0.3198,
0.3111

■ 17.9123, 0.3279,
0.2906

■ 17.9123, 0.3279,
0.2906

■ 15.0781, 0.3364,
0.2732

■ 21.2276, 0.3206,
0.3078

■ 12.6998, 0.3461,
0.2562

■ 25.0426, 0.3143,
0.3244

■ 10.7537, 0.3569,
0.2403

■ 29.3781, 0.3090,
0.3401

■ 9.2131, 0.3688,
0.2265

■ 34.2529, 0.3046,
0.3548

■ 8.0480, 0.3814,
0.2158

■ 39.6848, 0.3008,
0.3685

7.2244, 0.3944,
0.2090

45.6909, 0.2977,
0.3811

6.7023, 0.4074,
0.2069

52.2874, 0.2951,
0.3926

6.4272, 0.4168,
0.2070

59.4901, 0.2929,
0.4033

67.3140, 0.2911,
0.4130

Harmonies

Analogous

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



17.9123, 0.2928, 0.2754



17.9123, 0.3279, 0.2906



17.9123, 0.3603, 0.3149

Triad

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



17.9123, 0.3279, 0.2906



17.9123, 0.3610, 0.3881



17.9123, 0.2501, 0.3085

Complementary

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



17.9123, 0.3279, 0.2906



23.2609, 0.3002, 0.3708

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.



17.9123, 0.2663, 0.3415



17.9123, 0.3279, 0.2906



17.9123, 0.3298, 0.3899

Square

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



17.9123, 0.3279, 0.2906



17.9123, 0.3797, 0.3702



17.9123, 0.2952, 0.3725



17.9123, 0.2495, 0.2839

Rectangle

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



17.9123, 0.3279, 0.2906



17.9123, 0.3752, 0.3338



17.9123, 0.2952, 0.3725



17.9123, 0.2538, 0.3190

Sweetspot

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



17.9131, 0.3279, 0.2906



41.1521, 0.3169, 0.3174



16.4410, 0.2870, 0.2694



9.4065, 0.3172, 0.3166



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



17.9131, 0.3279, 0.2906



29.1221, 0.3317, 0.2824



17.5250, 0.3487, 0.3176



5.1028, 0.3181, 0.3141



5.7118, 0.4162, 0.2066



0.0406, 0.3646, 0.1782

Inverse Universe

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



17.9131, 0.3279, 0.2906



29.1221, 0.3317, 0.2824



23.6634, 0.2857, 0.3408



5.1028, 0.3181, 0.3141



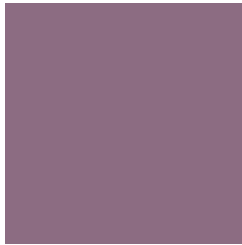
5.7118, 0.4162, 0.2066



0.0406, 0.3646, 0.1782

Previews

White Background



This preview shows how the Yxy color 17.9123, 0.3279, 0.2906 looks on a white background.

Color Contrast Check

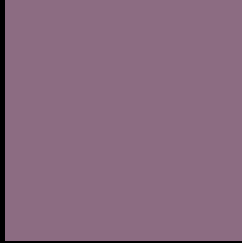
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9123, 0.3279, 0.2906 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 17.9123, 0.3279, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 17.9123, 0.3279, 0.2906.



This preview shows how white text looks on a background with the Yxy color 17.9123, 0.3279, 0.2906.

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

17.9123, 0.3279, 0.2906

Protanopia

18.0776, 0.2877, 0.2931

Deuteranopia

17.9047, 0.3076, 0.3011



Tritanopia

17.9727, 0.3405, 0.3130

Trichromacy



Original Color

17.9123, 0.3279, 0.2906

Protanomaly

17.9668, 0.3006, 0.2921

Deuteranomaly

17.9191, 0.3155, 0.2981

Tritanomaly

17.8563, 0.3355, 0.3042

Monochromacy



Original Color

17.9123, 0.3279, 0.2906

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.4580, 0.3172, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9123, 0.3279, 0.2906 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(140, 108, 130)` looks like.

```
.text, #text, p{  
    color:rgb(140, 108, 130)  
}
```

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(140, 108, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 108, 130) }
```

Border

The CSS property to change the border of an element to Yxy 17.9123, 0.3279, 0.2906 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(140, 108, 130) }
```

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

```
.border{ border-color:rgb(140, 108, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 108, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 108, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 108, 130);  
box-shadow:4px 4px 4px 4px rgb(140, 108,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9123, 0.3279, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 108, 130) }
```

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

```
.background{ background-color: rgb(140,  
108, 130) }
```

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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