

Converting Colors

$Y_{xy}(17.3600, 0.3381, 0.2819)$

Have a look what the booklet for
Yxy(17.3600, 0.3381, 0.2819)
contains.

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Color

Yxy(17.3175, 0.3385, 0.2816)

Conversions

Conversions Part 1

Format	Color
Hex	936682
RGB	147, 102, 130
RGB Percent	58%, 40%, 51%
CMY	0.4234, 0.6000, 0.4902
CMYK	0.00, 0.31, 0.12, 0.42
HSL	323°, 18%, 49%
HSV	323°, 31%, 58%
XYZ	20.8167, 17.3175, 23.3626
YIQ	118.6470, 17.8320, 18.2480

Conversions

Conversions Part 2

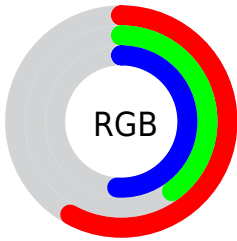
Format	Color
R_{YB}	147, 102, 130
Decimal	9660034
CIE Lab	48.66, 22.69, -8.26
CIE LCh	49, 24.147, 340.009
Yxy	17.3175, 0.3385, 0.2816
Android (android.graphics.Color)	4287850114 (0xFF936682)
YUV	118.6470, 5.5970, 24.8656
Hunter-Lab	41.6143, 16.4658, -4.1559

Details

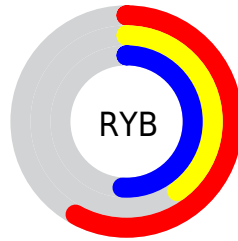
The Yxy color $17.3175, 0.3385, 0.2816$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $25.0330, 0.2936, 0.3818$, and the grayscale version is $18.3090, 0.3127, 0.3290$.

A 20% lighter version of the original color is $39.0867, 0.3329, 0.2927$, and $5.6653, 0.3472, 0.2614$ is the 20% darker color. If you saturate the color by 10%, you get $14.5351, 0.3499, 0.2658$, and if you desaturate by 10%, it is $20.6221, 0.3286, 0.2976$.

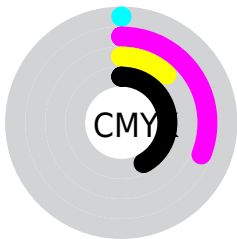
Distribution



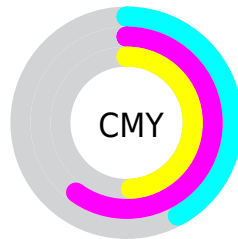
- Red (58%)
- Green (40%)
- Blue (51%)



- Red (58%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (42%)





- Cyan (42%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3175, 0.3385, 0.2816 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 17.3175, 0.3385, 0.2816 by changing the saturation by 10% instead.


 17.3175, 0.3385,
0.2816


 17.3175, 0.3385,
0.2816


236.9955, 0.3239,
0.3083


 10.4611, 0.3428,
0.2737


 38.8709, 0.3327,
0.2921


 5.7058, 0.3489,
0.2628


 54.3366, 0.3307,
0.2958

 2.6670, 0.3580,
0.2464

 73.4410, 0.3291,
0.2988

 0.9605, 0.3731,
0.2196

 96.5684, 0.3277,
0.3013

 0.0000, 0.4984,
0.0000

124.1031, 0.3265,
0.3035

 0.0000, 0.0000,
0.0000

156.4296, 0.3256,

0.3053

193.9322, 0.3247,
0.3069

■ 17.3175, 0.3385,
0.2816

■ 17.3175, 0.3385,
0.2816

■ 14.5351, 0.3499,
0.2658

■ 20.6221, 0.3286,
0.2976

■ 12.2454, 0.3630,
0.2509

■ 24.4717, 0.3202,
0.3132

■ 10.4193, 0.3776,
0.2378


■ 28.8907, 0.3131,
0.3281

■ 9.0240, 0.3934,
0.2275


■ 33.9013, 0.3072,
0.3421

■ 8.0221, 0.4099,
0.2211


■ 39.5245, 0.3022,
0.3552


 7.3699, 0.4267,
0.2194

 45.7802, 0.2980,
0.3674

 6.9683, 0.4425,
0.2211

 52.6874, 0.2946,
0.3785

 60.2645, 0.2917,
0.3888

 68.5289, 0.2893,
0.3981

Harmonies

Analogous

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



17.3175, 0.2909, 0.2601



17.3175, 0.3385, 0.2816



17.3175, 0.3814, 0.3139

Triad

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



17.3175, 0.3385, 0.2816



17.3175, 0.3725, 0.4101



17.3175, 0.2286, 0.2955

Complementary

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



17.3175, 0.3385, 0.2816



25.0330, 0.2936, 0.3818

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.



17.3175, 0.2471, 0.3397



17.3175, 0.3385, 0.2816



17.3175, 0.3291, 0.4112

Square

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



17.3175, 0.3385, 0.2816



17.3175, 0.4009, 0.3865



17.3175, 0.2832, 0.3845



17.3175, 0.2306, 0.2655

Rectangle

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



17.3175, 0.3385, 0.2816



17.3175, 0.3999, 0.3387



17.3175, 0.2832, 0.3845



17.3175, 0.2325, 0.3092

Sweetspot

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



17.3183, 0.3385, 0.2816



44.8872, 0.3191, 0.3154



15.4955, 0.2799, 0.2470



10.0180, 0.3201, 0.3133



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.



17.3183, 0.3385, 0.2816



27.3573, 0.3465, 0.2703



16.7893, 0.3700, 0.3187



5.8724, 0.3191, 0.3153



6.0435, 0.4416, 0.2206



0.0797, 0.3768, 0.1849

Inverse Universe

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



17.3183, 0.3385, 0.2816



27.3573, 0.3465, 0.2703



25.6243, 0.2748, 0.3398



5.8724, 0.3191, 0.3153



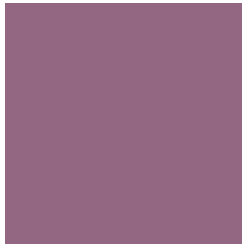
6.0435, 0.4416, 0.2206



0.0797, 0.3768, 0.1849

Previews

White Background



This preview shows how the Yxy color 17.3175, 0.3385, 0.2816 looks on a white background.

Color Contrast Check

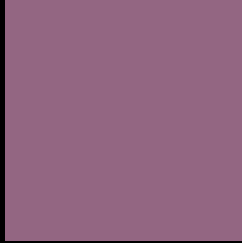
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3175, 0.3385, 0.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

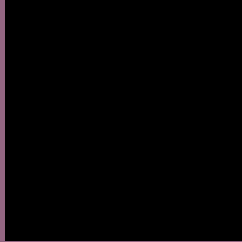
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3175, 0.3385, 0.2816

Background



This preview shows how black text looks on a background with the Yxy color 17.3175, 0.3385, 0.2816.



This preview shows how white text looks on a background with the Yxy color 17.3175, 0.3385, 0.2816.

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

17.3175, 0.3385, 0.2816

Protanopia

17.4760, 0.2820, 0.2853

Deuteranopia

17.5063, 0.3063, 0.3008



Tritanopia

17.3151, 0.3587, 0.3151

Trichromacy



Original Color

17.3175, 0.3385, 0.2816

Protanomaly

17.1862, 0.3007, 0.2830

Deuteranomaly

17.3476, 0.3171, 0.2927

Tritanomaly

17.3435, 0.3519, 0.3031

Monochromacy



Original Color

17.3175, 0.3385, 0.2816

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9074, 0.3214, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3175, 0.3385, 0.2816 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(147, 102, 130)` looks like.

```
.text, #text, p{  
    color:rgb(147, 102, 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(147, 102, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 102, 130) }
```

Border

The CSS property to change the border of an element to Yxy 17.3175, 0.3385, 0.2816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

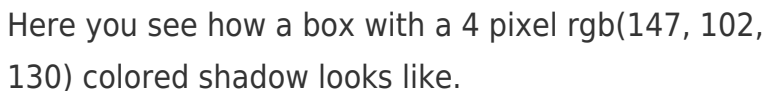
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 102, 130) }
```

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

```
.border{ border-color:rgb(147, 102, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 102, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 102, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 102, 130); box-shadow:4px 4px 4px 4px rgb(147, 102, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3175, 0.3385, 0.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 102, 130) }
```

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

```
.background{ background-color: rgb(147,  
102, 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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