

Converting Colors

$Y_{xy}(17.6570, 0.3459, 0.2880)$

Have a look what the booklet for
Yxy(17.6570, 0.3459, 0.2880)
contains.

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Color

Yxy(17.7168, 0.3465, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	96677F
RGB	150, 103, 127
RGB Percent	59%, 40%, 50%
CMY	0.4118, 0.5960, 0.5020
CMYK	0.00, 0.31, 0.15, 0.41
HSL	329°, 19%, 50%
HSV	329°, 31%, 59%
XYZ	21.2565, 17.7168, 22.3730
YIQ	119.7890, 20.3080, 17.4280

Conversions

Conversions Part 2

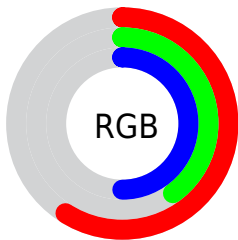
Format	Color
R_{YB}	150, 103, 127
Decimal	9856895
CIE Lab	49.15, 22.67, -5.69
CIE LCh	49, 23.378, 345.913
Yxy	17.7168, 0.3465, 0.2888
Android (android.graphics.Color)	4288046975 (0xFF96677F)
YUV	119.7890, 3.5550, 26.4950
Hunter-Lab	42.0913, 16.4842, -2.0507

Details

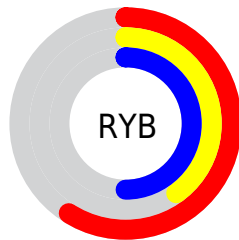
The Yxy color **17.7168, 0.3465, 0.2888** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2005, 0.2887, 0.3732**, and the grayscale version is **18.6953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7171, 0.3386, 0.2979**, and **5.8791, 0.3603, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **14.8118, 0.3617, 0.2756**, and if you desaturate by 10%, it is **21.1727, 0.3336, 0.3021**.

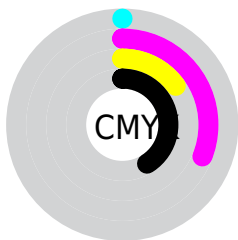
Distribution



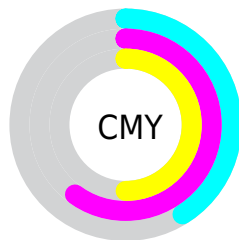
- Red (59%)
- Green (40%)
- Blue (50%)



- Red (59%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (41%)





- Cyan (41%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7168, 0.3465, 0.2888 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 17.7168, 0.3465, 0.2888 by changing the saturation by 10% instead.


 17.7168, 0.3465,
0.2888

 17.7168, 0.3465,
0.2888


239.2699, 0.3272,
0.3115


 10.7469, 0.3523,
0.2821


 39.5542, 0.3388,
0.2978


 5.8969, 0.3606,
0.2726


 55.1904, 0.3361,
0.3009

 2.7825, 0.3732,
0.2584

 74.4841, 0.3340,
0.3035

 1.0193, 0.3948,
0.2349

 97.8198, 0.3322,
0.3056

 0.0000, 0.6111,
0.0000

125.5819, 0.3306,
0.3074

 0.0000, 0.0000,
0.0000

158.1546, 0.3293,

0.3090

195.9225, 0.3282,
0.3103

■ 17.7168, 0.3465,
0.2888

■ 17.7168, 0.3465,
0.2888

■ 14.8118, 0.3617,
0.2756

■ 21.1727, 0.3336,
0.3021

■ 12.4263, 0.3793,
0.2633

■ 25.2037, 0.3228,
0.3151

■ 10.5295, 0.3992,
0.2527


■ 29.8358, 0.3138,
0.3274

■ 9.0864, 0.4212,
0.2449


■ 35.0924, 0.3063,
0.3390


■ 8.0570, 0.4444,
0.2412

■ 40.9959, 0.3001,
0.3498

 7.3946, 0.4679,
0.2423

 47.5673, 0.2949,
0.3597

 7.0125, 0.4882,
0.2463

 54.8269, 0.2906,
0.3688

 62.7940, 0.2871,
0.3771

 71.4872, 0.2841,
0.3848

Harmonies

Analogous

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



17.7168, 0.3005, 0.2656



17.7168, 0.3465, 0.2888



17.7168, 0.3850, 0.3215

Triad

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



17.7168, 0.3465, 0.2888



17.7168, 0.3629, 0.4092



17.7168, 0.2305, 0.2900

Complementary

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



17.7168, 0.3465, 0.2888



26.2005, 0.2887, 0.3732

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.



17.7168, 0.2445, 0.3305



17.7168, 0.3465, 0.2888



17.7168, 0.3197, 0.4047

Square

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



17.7168, 0.3465, 0.2888



17.7168, 0.3938, 0.3902



17.7168, 0.2765, 0.3745



17.7168, 0.2362, 0.2643

Rectangle

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



17.7168, 0.3465, 0.2888



17.7168, 0.3996, 0.3457



17.7168, 0.2765, 0.3745



17.7168, 0.2330, 0.3022

Sweetspot

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



17.7176, 0.3465, 0.2888



46.1479, 0.3207, 0.3178



16.3184, 0.2856, 0.2464



9.9972, 0.3220, 0.3161



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.



17.7176, 0.3465, 0.2888



27.3730, 0.3575, 0.2790



17.1810, 0.3800, 0.3279



5.8618, 0.3207, 0.3178



5.8234, 0.4867, 0.2455



0.0772, 0.4009, 0.1982

Inverse Universe

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



17.7176, 0.3465, 0.2888



27.3730, 0.3575, 0.2790



26.8703, 0.2697, 0.3303



5.8618, 0.3207, 0.3178



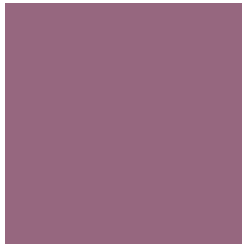
5.8234, 0.4867, 0.2455



0.0772, 0.4009, 0.1982

Previews

White Background



This preview shows how the Yxy color 17.7168, 0.3465, 0.2888 looks on a white background.

Color Contrast Check

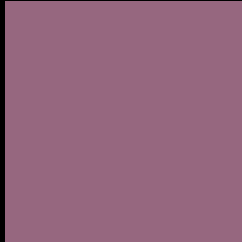
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7168, 0.3465, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

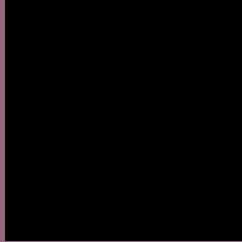
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7168, 0.3465, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 17.7168, 0.3465, 0.2888.



This preview shows how white text looks on a background with the Yxy color 17.7168, 0.3465, 0.2888.

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

17.7168, 0.3465, 0.2888

Protanopia

17.8175, 0.2887, 0.2930

Deuteranopia

17.8753, 0.3137, 0.3085



Tritanopia

17.5913, 0.3629, 0.3153

Trichromacy



Original Color

17.7168, 0.3465, 0.2888

Protanomaly

17.5468, 0.3081, 0.2906

Deuteranomaly

17.7266, 0.3247, 0.3002

Tritanomaly

17.5982, 0.3575, 0.3052

Monochromacy



Original Color

17.7168, 0.3465, 0.2888

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2900, 0.3239, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7168, 0.3465, 0.2888 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, 103, 127)` looks like.

```
.text, #text, p{  
    color:rgb(150, 103, 127)  
}
```

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, 103, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 103, 127) }
```

Border

The CSS property to change the border of an element to Yxy 17.7168, 0.3465, 0.2888 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, 103, 127) }
```

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

```
.border{ border-color:rgb(150, 103, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 103, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 103, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 103, 127);  
box-shadow:4px 4px 4px 4px rgb(150, 103,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7168, 0.3465, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 103, 127) }
```

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

```
.background{ background-color: rgb(150,  
103, 127) }
```

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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