

Converting Colors

$Y_{xy}(17.5271, 0.3624, 0.2797)$

Have a look what the booklet for
Yxy(17.5271, 0.3624, 0.2797)
contains.

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Color

Yxy(17.4751, 0.3637, 0.2799)

Conversions

Conversions Part 1

Format	Color
Hex	A1607F
RGB	161, 96, 127
RGB Percent	63%, 38%, 50%
CMY	0.3687, 0.6234, 0.5020
CMYK	0.00, 0.40, 0.21, 0.37
HSL	331°, 26%, 50%
HSV	331°, 40%, 63%
XYZ	22.7070, 17.4751, 22.2513
YIQ	118.9690, 28.7890, 23.4210

Conversions

Conversions Part 2

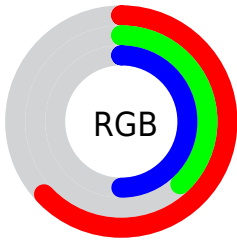
Format	Color
R_{YB}	161, 96, 127
Decimal	10575999
CIE _{Lab}	48.85, 30.71, -5.99
CIE _{LCh}	49, 31.288, 348.965
Yxy	17.4751, 0.3637, 0.2799
Android (android.graphics.Color)	4288766079 (0xFFA1607F)
YUV	118.9690, 3.9593, 36.8612
Hunter-Lab	41.8032, 23.8034, -2.2969

Details

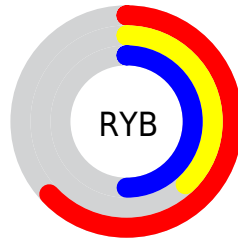
The Yxy color **17.4751, 0.3637, 0.2799** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.5803, 0.2809, 0.3848**, and the grayscale version is **18.4187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2268, 0.3516, 0.2907**, and **5.7712, 0.3860, 0.2598** is the 20% darker color. If you saturate the color by 10%, you get **14.6220, 0.3826, 0.2682**, and if you desaturate by 10%, it is **20.9497, 0.3475, 0.2924**.

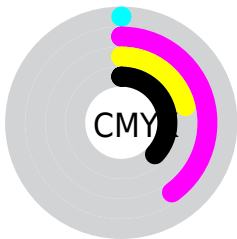
Distribution



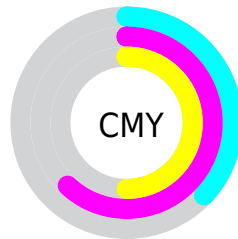
- Red (63%)
- Green (38%)
- Blue (50%)



- Red (63%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (37%)





- Cyan (37%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4751, 0.3637, 0.2799 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 17.4751, 0.3637, 0.2799 by changing the saturation by 10% instead.


 17.4751, 0.3637,
0.2799


 17.4751, 0.3637,
0.2799


237.8956, 0.3345,
0.3075


 10.5738, 0.3726,
0.2717


 39.1409, 0.3520,
0.2908


 5.7810, 0.3851,
0.2603


 54.6741, 0.3480,
0.2946

 2.7124, 0.4042,
0.2434

 73.8534, 0.3447,
0.2978

 0.9835, 0.4366,
0.2157

 97.0633, 0.3420,
0.3004

 0.0000, 0.6916,
0.0000

124.6880, 0.3397,
0.3026

 0.0000, 0.0000,
0.0000

157.1121, 0.3377,

0.3045

194.7198, 0.3360,
0.3061

■ 17.4751, 0.3637,
0.2799

■ 17.4751, 0.3637,
0.2799

■ 14.6220, 0.3826,
0.2682

■ 20.9497, 0.3475,
0.2924

■ 12.3505, 0.4042,
0.2581

■ 25.0775, 0.3339,
0.3049

■ 10.6199, 0.4281,
0.2508


■ 29.8912, 0.3225,
0.3171


■ 9.3833, 0.4535,
0.2476

■ 35.4204, 0.3130,
0.3286

■ 8.5852, 0.4792,
0.2492


■ 41.6929, 0.3052,
0.3394

 8.1066, 0.5035,
0.2547

 48.7351, 0.2987,
0.3494

 56.5722, 0.2934,
0.3586

 65.2282, 0.2889,
0.3670

 74.7259, 0.2852,
0.3748

Harmonies

Analogous

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



17.4751, 0.3017, 0.2489



17.4751, 0.3637, 0.2799



17.4751, 0.4142, 0.3222

Triad

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



17.4751, 0.3637, 0.2799



17.4751, 0.3724, 0.4379



17.4751, 0.2049, 0.2710

Complementary

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



17.4751, 0.3637, 0.2799



29.5803, 0.2809, 0.3848

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.



17.4751, 0.2197, 0.3233



17.4751, 0.3637, 0.2799



17.4751, 0.3142, 0.4307

Square

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



17.4751, 0.3637, 0.2799



17.4751, 0.4171, 0.4118



17.4751, 0.2585, 0.3856



17.4751, 0.2149, 0.2412

Rectangle

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



17.4751, 0.3637, 0.2799



17.4751, 0.4314, 0.3533



17.4751, 0.2585, 0.3856



17.4751, 0.2070, 0.2862

Sweetspot

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



17.4759, 0.3637, 0.2799



51.8384, 0.3245, 0.3148



15.6545, 0.2779, 0.2202



11.1348, 0.3258, 0.3134



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.4759, 0.3637, 0.2799



26.8703, 0.3797, 0.2698



16.9878, 0.4110, 0.3310



7.1396, 0.3214, 0.3183



6.4850, 0.5016, 0.2537



0.1458, 0.4213, 0.2094

Inverse Universe

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



17.4759, 0.3637, 0.2799



26.8703, 0.3797, 0.2698



30.1641, 0.2581, 0.3270



7.1396, 0.3214, 0.3183



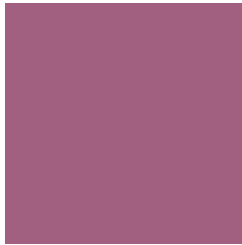
6.4850, 0.5016, 0.2537



0.1458, 0.4213, 0.2094

Previews

White Background



This preview shows how the Yxy color 17.4751, 0.3637, 0.2799 looks on a white background.

Color Contrast Check

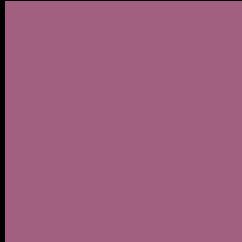
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4751, 0.3637, 0.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

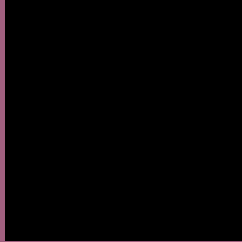
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.4751, 0.3637, 0.2799

Background



This preview shows how black text looks on a background with the Yxy color 17.4751, 0.3637, 0.2799.



This preview shows how white text looks on a background with the Yxy color 17.4751, 0.3637, 0.2799.

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

17.4751, 0.3637, 0.2799

Protanopia

17.5344, 0.2799, 0.2818

Deuteranopia

17.5506, 0.3137, 0.3083



Tritanopia

17.5468, 0.3895, 0.3178

Trichromacy



Original Color

17.4751, 0.3637, 0.2799

Protanomaly

17.1415, 0.3072, 0.2802

Deuteranomaly

17.3144, 0.3305, 0.2969

Tritanomaly

17.6122, 0.3808, 0.3049

Monochromacy



Original Color

17.4751, 0.3637, 0.2799

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.8424, 0.3296, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4751, 0.3637, 0.2799 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(161, 96, 127)` looks like.

```
.text, #text, p{  
    color:rgb(161, 96, 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(161, 96, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 96, 127) }
```

Border

The CSS property to change the border of an element to Yxy 17.4751, 0.3637, 0.2799 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(161, 96, 127) }
```

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

```
.border{ border-color:rgb(161, 96, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 96, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 96, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 96, 127); box-shadow:4px 4px 4px 4px rgb(161, 96, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4751, 0.3637, 0.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 96, 127) }
```

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

```
.background{ background-color: rgb(161, 96,  
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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