

Converting Colors

$Y_{xy}(17.9950, 0.3700, 0.2873)$

Have a look what the booklet for
Yxy(17.9950, 0.3700, 0.2873)
contains.

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Color

Yxy(17.9771, 0.3703, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	A3627C
RGB	163, 98, 124
RGB Percent	64%, 38%, 49%
CMY	0.3609, 0.6156, 0.5138
CMYK	0.00, 0.40, 0.24, 0.36
HSL	336°, 26%, 51%
HSV	336°, 40%, 64%
XYZ	23.1063, 17.9771, 21.3154
YIQ	120.3990, 30.3940, 21.8660

Conversions

Conversions Part 2

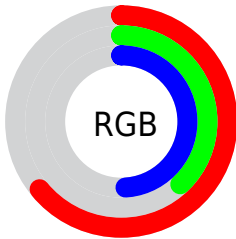
Format	Color
RYB	163, 98, 124
Decimal	10707580
CIELab	49.47, 29.87, -3.25
CIELCh	49, 30.043, 353.784
Yxy	17.9771, 0.3703, 0.2881
Android (android.graphics.Color)	4288897660 (0xFFA3627C)
YUV	120.3990, 1.7753, 37.3611
Hunter-Lab	42.3994, 23.0777, -0.1272

Details

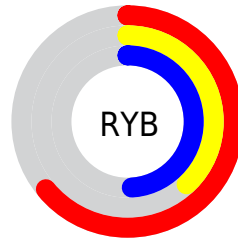
The Yxy color **17.9771, 0.3703, 0.2881** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5919, 0.2775, 0.3748**, and the grayscale version is **18.9043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0074, 0.3573, 0.2980**, and **5.9558, 0.3947, 0.2710** is the 20% darker color. If you saturate the color by 10%, you get **14.9963, 0.3923, 0.2782**, and if you desaturate by 10%, it is **21.6052, 0.3517, 0.2986**.

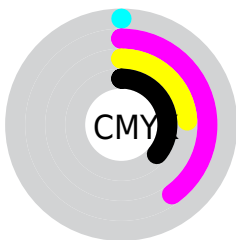
Distribution



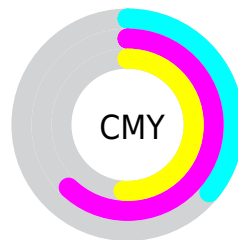
- Red (64%)
- Green (38%)
- Blue (49%)



- Red (64%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9771, 0.3703, 0.2881 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 17.9771, 0.3703, 0.2881 by changing the saturation by 10% instead.


 17.9771, 0.3703,
0.2881

 17.9771, 0.3703,
0.2881


240.7419, 0.3372,
0.3113


 10.9335, 0.3804,
0.2812


 39.9983, 0.3570,
0.2973


 6.0222, 0.3948,
0.2714


 55.7447, 0.3525,
0.3005

 2.8586, 0.4168,
0.2567

 75.1609, 0.3487,
0.3032

 1.0583, 0.4544,
0.2323

 98.6313, 0.3457,
0.3053

 0.0000, 0.8047,
0.0000

126.5401, 0.3431,
0.3072

 0.0000, 0.0000,
0.0000

159.2719, 0.3408,

0.3088

197.2111, 0.3389,
0.3101

■ 17.9771, 0.3703,
0.2881

■ 17.9771, 0.3703,
0.2881

■ 14.9963, 0.3923,
0.2782

■ 21.6052, 0.3517,
0.2986

■ 12.6216, 0.4177,
0.2699

■ 25.9134, 0.3361,
0.3092

■ 10.8110, 0.4460,
0.2641


■ 30.9355, 0.3232,
0.3195

■ 9.5161, 0.4761,
0.2623


■ 36.7020, 0.3126,
0.3291


■ 8.6798, 0.5063,
0.2653


■ 43.2420, 0.3038,
0.3381

 8.1745, 0.5352,
0.2723

 50.5827, 0.2966,
0.3465

 8.1679, 0.5356,
0.2724

 58.7501, 0.2907,
0.3541

 67.7691, 0.2858,
0.3610

 77.6634, 0.2817,
0.3674

Harmonies

Analogous

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



17.9771, 0.3117, 0.2561



17.9771, 0.3703, 0.2881



17.9771, 0.4145, 0.3300

Triad

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



17.9771, 0.3703, 0.2881



17.9771, 0.3616, 0.4339



17.9771, 0.2095, 0.2678

Complementary

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



17.9771, 0.3703, 0.2881



30.5919, 0.2775, 0.3748

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.



17.9771, 0.2200, 0.3147



17.9771, 0.3703, 0.2881



17.9771, 0.3053, 0.4206

Square

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



17.9771, 0.3703, 0.2881



17.9771, 0.4070, 0.4138



17.9771, 0.2538, 0.3736



17.9771, 0.2228, 0.2427

Rectangle

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



17.9771, 0.3703, 0.2881



17.9771, 0.4272, 0.3600



17.9771, 0.2538, 0.3736



17.9771, 0.2103, 0.2812

Sweetspot

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



17.9780, 0.3703, 0.2881



53.1731, 0.3260, 0.3171



16.7002, 0.2849, 0.2235



11.6884, 0.3275, 0.3158



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



17.9780, 0.3703, 0.2881



27.3330, 0.3900, 0.2791



18.6710, 0.4058, 0.3397



7.1307, 0.3225, 0.3200



6.3581, 0.5333, 0.2712



0.1428, 0.4424, 0.2211

Inverse Universe

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



17.9780, 0.3703, 0.2881



27.3330, 0.3900, 0.2791



29.1813, 0.2572, 0.3178



7.1307, 0.3225, 0.3200



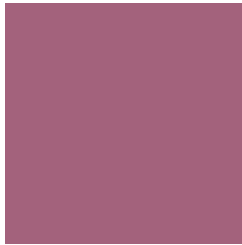
6.3581, 0.5333, 0.2712



0.1428, 0.4424, 0.2211

Previews

White Background



This preview shows how the Yxy color 17.9771, 0.3703, 0.2881 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 17.9771, 0.3703, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

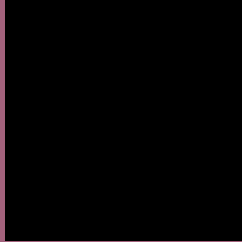
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9771, 0.3703, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 17.9771, 0.3703, 0.2881.



This preview shows how white text looks on a background with the Yxy color 17.9771, 0.3703, 0.2881.

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

17.9771, 0.3703, 0.2881

Protanopia

18.1450, 0.2889, 0.2933

Deuteranopia

18.0043, 0.3225, 0.3160



Tritanopia

17.9671, 0.3903, 0.3179

Trichromacy



Original Color

17.9771, 0.3703, 0.2881

Protanomaly

17.7233, 0.3146, 0.2895

Deuteranomaly

17.7930, 0.3398, 0.3044

Tritanomaly

18.0106, 0.3831, 0.3067

Monochromacy



Original Color

17.9771, 0.3703, 0.2881

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.2031, 0.3334, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9771, 0.3703, 0.2881 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(163, 98, 124)` looks like.

```
.text, #text, p{  
  color:rgb(163, 98, 124)  
}
```

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(163, 98, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 98, 124) }
```

Border

The CSS property to change the border of an element to Yxy 17.9771, 0.3703, 0.2881 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(163, 98, 124) }
```

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

```
.border{ border-color:rgb(163, 98, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 98, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 98, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 98, 124);  
box-shadow:4px 4px 4px 4px rgb(163, 98,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9771, 0.3703, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 98, 124) }
```

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

```
.background{ background-color: rgb(163, 98,  
124) }
```

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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