

Converting Colors

$Y_{xy}(17.6225, 0.3552, 0.2783)$

Have a look what the booklet for
Yxy(17.6225, 0.3552, 0.2783)
contains.

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Color

Yxy(17.6162, 0.3546, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	9E6282
RGB	158, 98, 130
RGB Percent	62%, 38%, 51%
CMY	0.3804, 0.6156, 0.4903
CMYK	0.00, 0.38, 0.18, 0.38
HSL	328°, 24%, 50%
HSV	328°, 38%, 62%
XYZ	22.4944, 17.6162, 23.3254
YIQ	119.5880, 25.4880, 22.6720

Conversions

Conversions Part 2

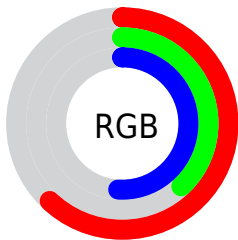
Format	Color
R _Y B	158, 98, 130
Decimal	10379906
CIE Lab	49.03, 28.99, -7.55
CIE LCh	49, 29.956, 345.393
Yxy	17.6162, 0.3546, 0.2777
Android (android.graphics.Color)	4288569986 (0xFF9E6282)
YUV	119.5880, 5.1331, 33.6873
Hunter-Lab	41.9717, 22.2155, -3.5698

Details

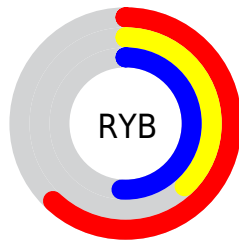
The Yxy color **17.6162, 0.3546, 0.2777** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.5541, 0.2852, 0.3873**, and the grayscale version is **18.6218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5277, 0.3453, 0.2893**, and **5.8785, 0.3706, 0.2578** is the 20% darker color. If you saturate the color by 10%, you get **14.7550, 0.3706, 0.2644**, and if you desaturate by 10%, it is **21.0768, 0.3408, 0.2916**.

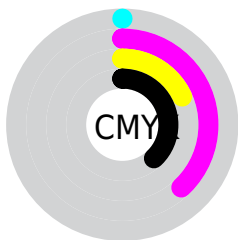
Distribution



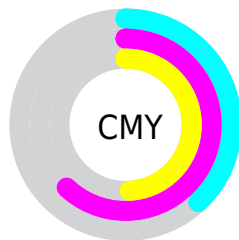
- Red (62%)
- Green (38%)
- Blue (51%)



- Red (62%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (38%)





- Cyan (38%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.6162, 0.3546, 0.2777 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 17.6162, 0.3546, 0.2777 by changing the saturation by 10% instead.


 17.6162, 0.3546,
0.2777


 17.6162, 0.3546,
0.2777


238.6988, 0.3308,
0.3064


 10.6748, 0.3617,
0.2693


 39.3822, 0.3451,
0.2890


 5.8486, 0.3718,
0.2576


 54.9757, 0.3419,
0.2930

 2.7532, 0.3869,
0.2404

 74.2219, 0.3392,
0.2962

 1.0043, 0.4123,
0.2124

 97.5053, 0.3369,
0.2989

 0.0000, 0.5956,
0.0000

125.2103, 0.3351,
0.3012

 0.0000, 0.0000,
0.0000

157.7213, 0.3334,

0.3032

195.4226, 0.3320,
0.3049

■ 17.6162, 0.3546,
0.2777

■ 17.6162, 0.3546,
0.2777

■ 14.7550, 0.3706,
0.2644

■ 21.0768, 0.3408,
0.2916

■ 12.4560, 0.3889,
0.2526

■ 25.1663, 0.3291,
0.3054

■ 10.6816, 0.4092,
0.2433


■ 29.9152, 0.3193,
0.3188


■ 9.3884, 0.4309,
0.2377


■ 35.3513, 0.3112,
0.3315


■ 8.5261, 0.4531,
0.2368


■ 41.5007, 0.3044,
0.3434

 8.0049, 0.4751,
0.2407

 48.3884, 0.2987,
0.3544

 7.9111, 0.4797,
0.2416

 56.0378, 0.2941,
0.3645

 64.4715, 0.2902,
0.3738

 73.7112, 0.2870,
0.3823

Harmonies

Analogous

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



17.6162, 0.2955, 0.2495



17.6162, 0.3546, 0.2777



17.6162, 0.4051, 0.3176

Triad

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



17.6162, 0.3546, 0.2777



17.6162, 0.3762, 0.4315



17.6162, 0.2096, 0.2787

Complementary

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



17.6162, 0.3546, 0.2777



28.5541, 0.2852, 0.3873

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.



17.6162, 0.2269, 0.3308



17.6162, 0.3546, 0.2777



17.6162, 0.3213, 0.4286

Square

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



17.6162, 0.3546, 0.2777



17.6162, 0.4162, 0.4043



17.6162, 0.2667, 0.3894



17.6162, 0.2164, 0.2471

Rectangle

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



17.6162, 0.3546, 0.2777



17.6162, 0.4242, 0.3474



17.6162, 0.2667, 0.3894



17.6162, 0.2127, 0.2941

Sweetspot

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



17.6170, 0.3546, 0.2777



51.3936, 0.3223, 0.3145



15.6420, 0.2769, 0.2262



11.3368, 0.3236, 0.3129



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.



17.6170, 0.3546, 0.2777



27.3019, 0.3688, 0.2658



16.9263, 0.3999, 0.3260



6.7023, 0.3205, 0.3171



6.3451, 0.4780, 0.2407



0.1220, 0.4021, 0.1989

Inverse Universe

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



17.6170, 0.3546, 0.2777



27.3019, 0.3688, 0.2658



29.4471, 0.2625, 0.3323



6.7023, 0.3205, 0.3171



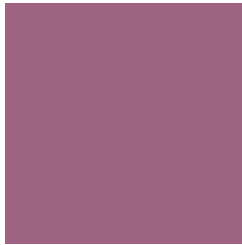
6.3451, 0.4780, 0.2407



0.1220, 0.4021, 0.1989

Previews

White Background



This preview shows how the Yxy color 17.6162, 0.3546, 0.2777 looks on a white background.

Color Contrast Check

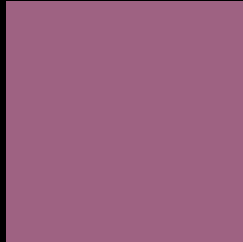
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6162, 0.3546, 0.2777 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 17.6162, 0.3546, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 17.6162, 0.3546, 0.2777.



This preview shows how white text looks on a background with the Yxy color 17.6162, 0.3546, 0.2777.

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

17.6162, 0.3546, 0.2777

Protanopia

17.8233, 0.2780, 0.2802

Deuteranopia

17.8520, 0.3100, 0.3047



Tritanopia

17.6748, 0.3813, 0.3176

Trichromacy



Original Color

17.6162, 0.3546, 0.2777

Protanomaly

17.3615, 0.3023, 0.2768

Deuteranomaly

17.5179, 0.3251, 0.2934

Tritanomaly

17.7598, 0.3712, 0.3029

Monochromacy



Original Color

17.6162, 0.3546, 0.2777

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1119, 0.3269, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6162, 0.3546, 0.2777 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(158, 98, 130)` looks like.

```
.text, #text, p{  
    color:rgb(158, 98, 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(158, 98, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 98, 130) }
```

Border

The CSS property to change the border of an element to Yxy 17.6162, 0.3546, 0.2777 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(158, 98, 130) }
```

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

```
.border{ border-color:rgb(158, 98, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 98, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 98, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 98, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 98,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6162, 0.3546, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 98, 130) }
```

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

```
.background{ background-color: rgb(158, 98,  
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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