

Converting Colors

$Y_{xy}(17.7714, 0.3598, 0.2812)$

Have a look what the booklet for
Yxy(17.7714, 0.3598, 0.2812)
contains.

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Color

Yxy(17.7675, 0.3603, 0.2812)

Conversions

Conversions Part 1

Format	Color
Hex	A06280
RGB	160, 98, 128
RGB Percent	63%, 38%, 50%
CMY	0.3724, 0.6157, 0.4980
CMYK	0.00, 0.39, 0.20, 0.37
HSL	331°, 25%, 51%
HSV	331°, 39%, 63%
XYZ	22.7654, 17.7675, 22.6517
YIQ	119.9580, 27.3220, 22.4740

Conversions

Conversions Part 2

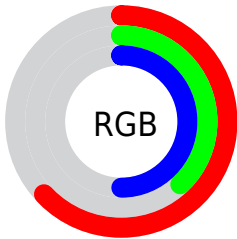
Format	Color
R_{YB}	160, 98, 128
Decimal	10510976
CIE Lab	49.21, 29.42, -6.07
CIE LCh	49, 30.044, 348.343
Yxy	17.7675, 0.3603, 0.2812
Android (android.graphics.Color)	4288701056 (0xFFA06280)
YUV	119.9580, 3.9647, 35.1168
Hunter-Lab	42.1515, 22.6400, -2.3556

Details

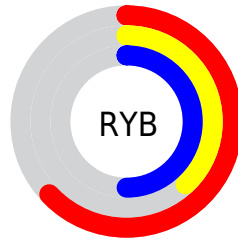
The Yxy color **17.7675, 0.3603, 0.2812** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.3598, 0.2823, 0.3830**, and the grayscale version is **18.7492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7478, 0.3492, 0.2918**, and **5.8869, 0.3803, 0.2612** is the 20% darker color. If you saturate the color by 10%, you get **14.8587, 0.3785, 0.2692**, and if you desaturate by 10%, it is **21.2943, 0.3448, 0.2939**.

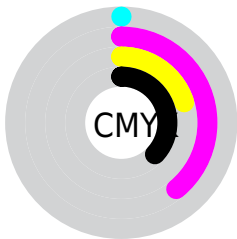
Distribution



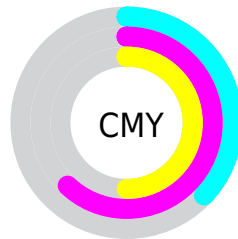
- Red (63%)
- Green (38%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (37%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7675, 0.3603, 0.2812 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 17.7675, 0.3603, 0.2812 by changing the saturation by 10% instead.


 17.7675, 0.3603,
0.2812

 17.7675, 0.3603,
0.2812


239.5573, 0.3332,
0.3081


 10.7832, 0.3685,
0.2733


 39.6408, 0.3495,
0.2918


 5.9212, 0.3801,
0.2623


 55.2985, 0.3457,
0.2955

 2.7972, 0.3977,
0.2459

 74.6162, 0.3427,
0.2985

 1.0268, 0.4275,
0.2192

 97.9781, 0.3401,
0.3011

 0.0000, 0.6585,
0.0000

125.7689, 0.3380,
0.3032

 0.0000, 0.0000,
0.0000

158.3727, 0.3361,

0.3051

196.1740, 0.3345,
0.3067

■ 17.7675, 0.3603,
0.2812

■ 17.7675, 0.3603,
0.2812

■ 14.8587, 0.3785,
0.2692

■ 21.2943, 0.3448,
0.2939

■ 12.5292, 0.3993,
0.2586

■ 25.4700, 0.3317,
0.3065

■ 10.7397, 0.4225,
0.2506


■ 30.3263, 0.3208,
0.3188


■ 9.4447, 0.4473,
0.2465


■ 35.8922, 0.3117,
0.3304


■ 8.5914, 0.4725,
0.2472

■ 42.1947, 0.3042,
0.3412


 8.0756, 0.4973,
0.2524

 49.2599, 0.2980,
0.3512

 8.0182, 0.5005,
0.2531

 57.1121, 0.2928,
0.3604

 65.7749, 0.2886,
0.3689

 75.2706, 0.2850,
0.3766

Harmonies

Analogous

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



17.7675, 0.3011, 0.2516



17.7675, 0.3603, 0.2812



17.7675, 0.4088, 0.3219

Triad

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



17.7675, 0.3603, 0.2812



17.7675, 0.3712, 0.4328



17.7675, 0.2092, 0.2746

Complementary

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



17.7675, 0.3603, 0.2812



29.3598, 0.2823, 0.3830

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.



17.7675, 0.2241, 0.3250



17.7675, 0.3603, 0.2812



17.7675, 0.3156, 0.4262

Square

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



17.7675, 0.3603, 0.2812



17.7675, 0.4134, 0.4079



17.7675, 0.2620, 0.3840



17.7675, 0.2183, 0.2453

Rectangle

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



17.7675, 0.3603, 0.2812



17.7675, 0.4258, 0.3518



17.7675, 0.2620, 0.3840



17.7675, 0.2115, 0.2894

Sweetspot

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



17.7683, 0.3603, 0.2812



51.8464, 0.3243, 0.3146



15.9401, 0.2784, 0.2245



11.1367, 0.3256, 0.3132



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.



17.7683, 0.3603, 0.2812



27.3814, 0.3768, 0.2701



17.0914, 0.4060, 0.3293



6.6969, 0.3212, 0.3182



6.2525, 0.4984, 0.2519



0.1203, 0.4139, 0.2054

Inverse Universe

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



17.7683, 0.3603, 0.2812



27.3814, 0.3768, 0.2701



30.2867, 0.2601, 0.3288



6.6969, 0.3212, 0.3182



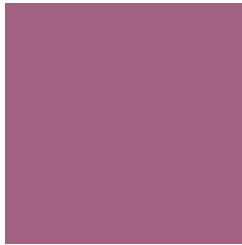
6.2525, 0.4984, 0.2519



0.1203, 0.4139, 0.2054

Previews

White Background



This preview shows how the Yxy color 17.7675, 0.3603, 0.2812 looks on a white background.

Color Contrast Check

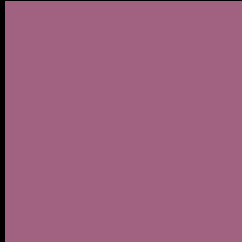
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7675, 0.3603, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

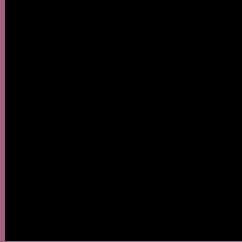
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7675, 0.3603, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 17.7675, 0.3603, 0.2812.



This preview shows how white text looks on a background with the Yxy color 17.7675, 0.3603, 0.2812.

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

17.7675, 0.3603, 0.2812

Protanopia

17.8949, 0.2823, 0.2840

Deuteranopia

17.8753, 0.3137, 0.3085



Tritanopia

17.6806, 0.3846, 0.3161

Trichromacy



Original Color

17.7675, 0.3603, 0.2812

Protanomaly

17.4607, 0.3072, 0.2806

Deuteranomaly

17.6348, 0.3304, 0.2971

Tritanomaly

17.7462, 0.3759, 0.3031

Monochromacy



Original Color

17.7675, 0.3603, 0.2812

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1693, 0.3295, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7675, 0.3603, 0.2812 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(160, 98, 128)` looks like.

```
.text, #text, p{  
    color:rgb(160, 98, 128)  
}
```

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(160, 98, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 98, 128) }
```

Border

The CSS property to change the border of an element to Yxy 17.7675, 0.3603, 0.2812 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(160, 98, 128) }
```

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

```
.border{ border-color:rgb(160, 98, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 98, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 98, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 98, 128);  
box-shadow:4px 4px 4px 4px rgb(160, 98,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7675, 0.3603, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 98, 128) }
```

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

```
.background{ background-color: rgb(160, 98,  
128) }
```

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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