

Converting Colors

$Y_{xy}(11.1176, 0.3332, 0.2781)$

Have a look what the booklet for
Yxy(11.1176, 0.3332, 0.2781)
contains.

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Color

Yxy(11.1912, 0.3332, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	77536C
RGB	119, 83, 108
RGB Percent	47%, 33%, 42%
CMY	0.5333, 0.6745, 0.5765
CMYK	0.00, 0.30, 0.09, 0.53
HSL	318°, 18%, 40%
HSV	318°, 30%, 47%
XYZ	13.4085, 11.1912, 15.6419
YIQ	96.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

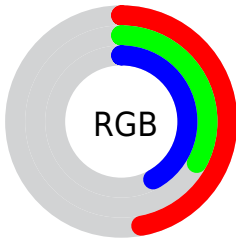
Format	Color
R_{YB}	119, 83, 108
Decimal	7820140
CIE Lab	39.90, 19.33, -8.37
CIE LCh	40, 21.067, 336.602
Yxy	11.1912, 0.3332, 0.2781
Android (android.graphics.Color)	4286010220 (0xFF77536C)
YUV	96.6140, 5.6133, 19.6325
Hunter-Lab	33.4533, 13.0020, -4.3053

Details

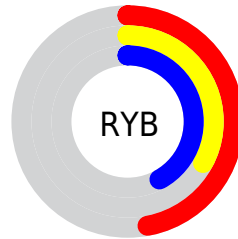
The Yxy color **11.1912, 0.3332, 0.2781** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.8422, 0.2970, 0.3861**, and the grayscale version is **11.8385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0489, 0.3289, 0.2914**, and **2.9621, 0.3425, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **9.4485, 0.3421, 0.2610**, and if you desaturate by 10%, it is **13.2508, 0.3254, 0.2954**.

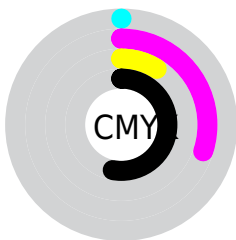
Distribution



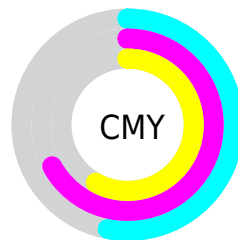
- Red (47%)
- Green (33%)
- Blue (42%)



- Red (47%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (53%)





- Cyan (53%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1912, 0.3332, 0.2781 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 11.1912, 0.3332, 0.2781 by changing the saturation by 10% instead.


 11.1912, 0.3332,
0.2781


 11.1912, 0.3332,
0.2781


198.9746, 0.3211,
0.3085


 6.1956, 0.3371,
0.2682


 28.0132, 0.3282,
0.2907


 2.9644, 0.3429,
0.2534

 40.6084, 0.3265,
0.2949


 1.1132, 0.3522,
0.2295

 56.5055, 0.3252,
0.2983

 0.0000, 0.4462,
0.0000

 76.0890, 0.3240,
0.3010

 0.0000, 0.0000,
0.0000

 99.7433, 0.3231,
0.3033

127.8527, 0.3223,

0.3053

160.8017, 0.3216,
0.3070

■ 11.1912, 0.3332,
0.2781

■ 11.1912, 0.3332,
0.2781

■ 9.4485, 0.3421,
0.2610

■ 13.2508, 0.3254,
0.2954

■ 8.0051, 0.3522,
0.2448

■ 15.6406, 0.3186,
0.3123

■ 6.8442, 0.3633,
0.2302


■ 18.3750, 0.3129,
0.3286

■ 5.9465, 0.3751,
0.2183


■ 21.4672, 0.3080,
0.3440

■ 5.2903, 0.3875,
0.2100

■ 24.9296, 0.3038,
0.3584


 4.8505, 0.4000,
0.2059

 28.7740, 0.3003,
0.3717

 4.5414, 0.4124,
0.2045

 33.0117, 0.2974,
0.3840

 37.6536, 0.2950,
0.3954

 42.7100, 0.2929,
0.4058

Harmonies

Analogous

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



11.1912, 0.2856, 0.2580



11.1912, 0.3332, 0.2781



11.1912, 0.3779, 0.3097

Triad

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



11.1912, 0.3332, 0.2781



11.1912, 0.3772, 0.4091



11.1912, 0.2290, 0.2997

Complementary

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



11.1912, 0.3332, 0.2781



15.8422, 0.2970, 0.3861

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.



11.1912, 0.2498, 0.3452



11.1912, 0.3332, 0.2781



11.1912, 0.3345, 0.4133

Square

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



11.1912, 0.3332, 0.2781



11.1912, 0.4036, 0.3833



11.1912, 0.2879, 0.3893



11.1912, 0.2286, 0.2674

Rectangle

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



11.1912, 0.3332, 0.2781



11.1912, 0.3983, 0.3344



11.1912, 0.2879, 0.3893



11.1912, 0.2337, 0.3139

Sweetspot

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



11.1917, 0.3332, 0.2781



28.4788, 0.3180, 0.3140



9.8878, 0.2776, 0.2491



6.6165, 0.3187, 0.3120



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.1917, 0.3332, 0.2781



17.8995, 0.3390, 0.2667



10.8505, 0.3633, 0.3140



3.7398, 0.3179, 0.3144



4.8227, 0.4127, 0.2047



23.3438, 0.4189, 0.2081

Inverse Universe

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



11.1917, 0.3332, 0.2781



17.8995, 0.3390, 0.2667



16.1996, 0.2783, 0.3448



3.7398, 0.3179, 0.3144



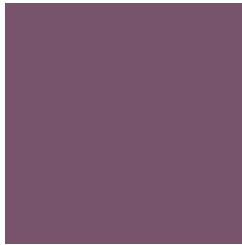
4.8227, 0.4127, 0.2047



23.3438, 0.4189, 0.2081

Previews

White Background



This preview shows how the Yxy color 11.1912, 0.3332, 0.2781 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 11.1912, 0.3332, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

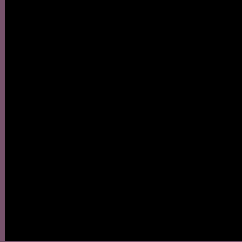
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1912, 0.3332, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 11.1912, 0.3332, 0.2781.



This preview shows how white text looks on a background with the Yxy color 11.1912, 0.3332, 0.2781.

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

11.1912, 0.3332, 0.2781

Protanopia

11.1904, 0.2774, 0.2790

Deuteranopia

11.2916, 0.3020, 0.2974



Tritanopia

11.2102, 0.3555, 0.3164

Trichromacy



Original Color

11.1912, 0.3332, 0.2781

Protanomaly

11.0239, 0.2967, 0.2783

Deuteranomaly

11.2705, 0.3130, 0.2898

Tritanomaly

11.2304, 0.3475, 0.3019

Monochromacy



Original Color

11.1912, 0.3332, 0.2781

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.5971, 0.3199, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1912, 0.3332, 0.2781 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(119, 83, 108)` looks like.

```
.text, #text, p{  
    color:rgb(119, 83, 108)  
}
```

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(119, 83, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 83, 108) }
```

Border

The CSS property to change the border of an element to Yxy 11.1912, 0.3332, 0.2781 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(119, 83, 108) }
```

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

```
.border{ border-color:rgb(119, 83, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 83, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 83, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 83, 108); box-shadow:4px 4px 4px 4px rgb(119, 83, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1912, 0.3332, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 83, 108) }
```

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

```
.background{ background-color: rgb(119, 83,  
108) }
```

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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