

Converting Colors

$Y_{xy}(10.8378, 0.3388, 0.2857)$

Have a look what the booklet for
Yxy(10.8378, 0.3388, 0.2857)
contains.

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Color

Yxy(10.7958, 0.3383, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	755267
RGB	117, 82, 103
RGB Percent	46%, 32%, 40%
CMY	0.5412, 0.6784, 0.5960
CMYK	0.00, 0.30, 0.12, 0.54
HSL	324°, 18%, 39%
HSV	324°, 30%, 46%
XYZ	12.8013, 10.7958, 14.2430
YIQ	94.8590, 14.1190, 13.9510

Conversions

Conversions Part 2

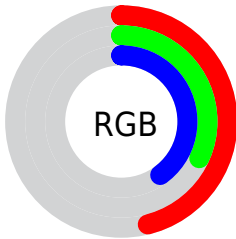
Format	Color
R_{YB}	117, 82, 103
Decimal	7688807
CIE Lab	39.23, 18.22, -6.29
CIE LCh	39, 19.274, 340.939
Yxy	10.7958, 0.3383, 0.2853
Android (android.graphics.Color)	4285878887 (0xFF755267)
YUV	94.8590, 4.0135, 19.4177
Hunter-Lab	32.8570, 12.0453, -2.7015

Details

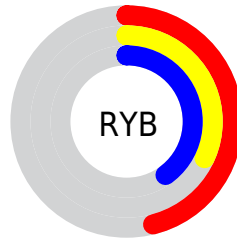
The Yxy color **10.7958, 0.3383, 0.2853** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.3598, 0.2936, 0.3773**, and the grayscale version is **11.3963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3817, 0.3323, 0.2967**, and **2.7762, 0.3522, 0.2623** is the 20% darker color. If you saturate the color by 10%, you get **9.0883, 0.3499, 0.2703**, and if you desaturate by 10%, it is **12.8105, 0.3283, 0.3004**.

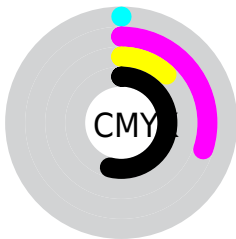
Distribution



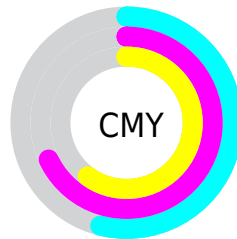
- Red (46%)
- Green (32%)
- Blue (40%)



- Red (46%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (12%)
- Black (54%)





- Cyan (54%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7958, 0.3383, 0.2853 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 10.7958, 0.3383, 0.2853 by changing the saturation by 10% instead.


 10.7958, 0.3383,
0.2853


 10.7958, 0.3383,
0.2853


196.2612, 0.3228,
0.3116


 5.9297, 0.3435,
0.2765


 27.2819, 0.3318,
0.2963

 2.8024, 0.3515,
0.2632

 39.6708, 0.3296,
0.3000


 1.0294, 0.3648,
0.2412

 55.3360, 0.3279,
0.3029

 0.0000, 0.5115,
0.0000

 74.6619, 0.3265,
0.3053

 0.0000, 0.0000,
0.0000

 98.0330, 0.3254,
0.3073

125.8337, 0.3244,

0.3089

158.4483, 0.3235,
0.3104

■ 10.7958, 0.3383,
0.2853

■ 10.7958, 0.3383,
0.2853

■ 9.0883, 0.3499,
0.2703

■ 12.8105, 0.3283,
0.3004

■ 7.6711, 0.3632,
0.2560

■ 15.1451, 0.3198,
0.3151

■ 6.5280, 0.3780,
0.2431


■ 17.8134, 0.3127,
0.3291

■ 5.6406, 0.3943,
0.2328


■ 20.8282, 0.3066,
0.3423

■ 4.9883, 0.4116,
0.2260


■ 24.2013, 0.3016,
0.3547

 4.5471, 0.4292,
0.2235

 27.9441, 0.2973,
0.3661

 4.2295, 0.4473,
0.2239

 32.0674, 0.2938,
0.3766

 4.2266, 0.4475,
0.2239

 36.5817, 0.2909,
0.3862

 41.4970, 0.2884,
0.3951

Harmonies

Analogous

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



10.7958, 0.2937, 0.2647



10.7958, 0.3383, 0.2853



10.7958, 0.3779, 0.3161

Triad

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



10.7958, 0.3383, 0.2853



10.7958, 0.3677, 0.4053



10.7958, 0.2335, 0.2969

Complementary

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



10.7958, 0.3383, 0.2853



15.3598, 0.2936, 0.3773

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.



10.7958, 0.2504, 0.3378



10.7958, 0.3383, 0.2853



10.7958, 0.3269, 0.4050

Square

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



10.7958, 0.3383, 0.2853



10.7958, 0.3948, 0.3841



10.7958, 0.2840, 0.3794



10.7958, 0.2359, 0.2690

Rectangle

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



10.7958, 0.3383, 0.2853



10.7958, 0.3947, 0.3395



10.7958, 0.2840, 0.3794



10.7958, 0.2370, 0.3095

Sweetspot

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



10.7963, 0.3383, 0.2853



27.4264, 0.3193, 0.3161



9.7749, 0.2825, 0.2513



6.1844, 0.3202, 0.3144



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



10.7963, 0.3383, 0.2853



17.1309, 0.3463, 0.2747



10.4901, 0.3676, 0.3204



3.7343, 0.3192, 0.3163



4.6542, 0.4483, 0.2243



22.5078, 0.4570, 0.2291

Inverse Universe

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



10.7963, 0.3383, 0.2853



17.1309, 0.3463, 0.2747



15.7057, 0.2758, 0.3379



3.7343, 0.3192, 0.3163



4.6542, 0.4483, 0.2243



22.5078, 0.4570, 0.2291

Previews

White Background



This preview shows how the Yxy color 10.7958, 0.3383, 0.2853 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 10.7958, 0.3383, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

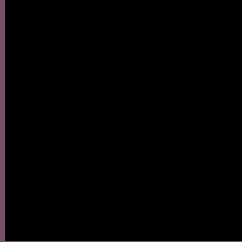
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 10.7958, 0.3383, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 10.7958, 0.3383, 0.2853.



This preview shows how white text looks on a background with the Yxy color 10.7958, 0.3383, 0.2853.

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

10.7958, 0.3383, 0.2853

Protanopia

10.8823, 0.2848, 0.2895

Deuteranopia

10.8683, 0.3077, 0.3015



Tritanopia

10.7408, 0.3546, 0.3140

Trichromacy



Original Color

10.7958, 0.3383, 0.2853

Protanomaly

10.6936, 0.3022, 0.2862

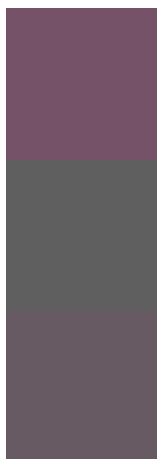
Deuteranomaly

10.7790, 0.3191, 0.2957

Tritanomaly

10.7257, 0.3499, 0.3036

Monochromacy



Original Color

10.7958, 0.3383, 0.2853

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.0777, 0.3216, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7958, 0.3383, 0.2853 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(117, 82, 103)` looks like.

```
.text, #text, p{  
    color:rgb(117, 82, 103)  
}
```

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(117, 82, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 82, 103) }
```

Border

The CSS property to change the border of an element to Yxy 10.7958, 0.3383, 0.2853 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(117, 82, 103) }
```

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

```
.border{ border-color:rgb(117, 82, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 82, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 82, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 82, 103); box-shadow:4px 4px 4px 4px rgb(117, 82, 103) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7958, 0.3383, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 82, 103) }
```

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

```
.background{ background-color: rgb(117, 82,  
103) }
```

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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