

Converting Colors

$Y_{xy}(10.5656, 0.3406, 0.2945)$

Have a look what the booklet for
Yxy(10.5656, 0.3406, 0.2945)
contains.

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Color

Yxy(10.5128, 0.3400, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	725263
RGB	114, 82, 99
RGB Percent	45%, 32%, 39%
CMY	0.5528, 0.6785, 0.6117
CMYK	0.00, 0.28, 0.13, 0.55
HSL	328°, 16%, 38%
HSV	328°, 28%, 45%
XYZ	12.2117, 10.5128, 13.1922
YIQ	93.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

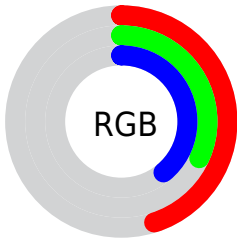
Format	Color
R_{YB}	114, 82, 99
Decimal	7492195
CIE _{Lab}	38.75, 16.32, -4.57
CIE _{LCh}	39, 16.947, 344.346
Yxy	10.5128, 0.3400, 0.2927
Android (android.graphics.Color)	4285682275 (0xFF725263)
YUV	93.5060, 2.7085, 17.9732
Hunter-Lab	32.4234, 10.4875, -1.4270

Details

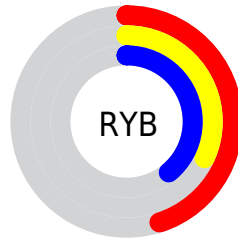
The Yxy color **10.5128, 0.3400, 0.2927** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.6971, 0.2922, 0.3685**, and the grayscale version is **11.0626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8115, 0.3321, 0.3020**, and **2.7040, 0.3521, 0.2733** is the 20% darker color. If you saturate the color by 10%, you get **8.8355, 0.3532, 0.2793**, and if you desaturate by 10%, it is **12.4837, 0.3287, 0.3061**.

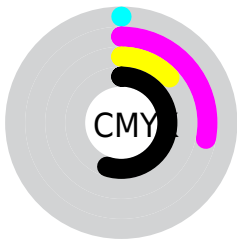
Distribution



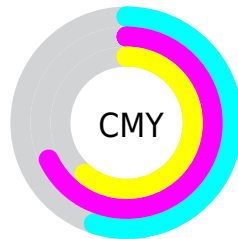
- Red (45%)
- Green (32%)
- Blue (39%)



- Red (45%)
- Yellow (32%)
- Blue (39%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (55%)





- Cyan (55%)
- Magenta (68%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5128, 0.3400, 0.2927 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 10.5128, 0.3400, 0.2927 by changing the saturation by 10% instead.


 10.5128, 0.3400,
0.2927


 10.5128, 0.3400,
0.2927


194.2939, 0.3233,
0.3148


 5.7403, 0.3458,
0.2852


 26.7557, 0.3329,
0.3020


 2.6878, 0.3547,
0.2737

 38.9948, 0.3306,
0.3051

 0.9710, 0.3703,
0.2542

 54.4915, 0.3287,
0.3075

 0.0000, 0.6124,
0.0000

 73.6303, 0.3272,
0.3095

 0.0000, 0.0000,
0.0000

 96.7956, 0.3260,
0.3112

124.3716, 0.3250,

0.3126

156.7429, 0.3241,
0.3137

■ 10.5128, 0.3400,
0.2927

■ 10.5128, 0.3400,
0.2927

■ 8.8355, 0.3532,
0.2793

■ 12.4837, 0.3287,
0.3061

■ 7.4360, 0.3686,
0.2663

■ 14.7599, 0.3193,
0.3190

■ 6.2994, 0.3860,
0.2546

■ 17.3544, 0.3113,
0.3313

■ 5.4088, 0.4055,
0.2451

■ 20.2790, 0.3047,
0.3428

■ 4.7450, 0.4264,
0.2389

■ 23.5448, 0.2991,
0.3535

4.2864, 0.4480,
0.2369

27.1624, 0.2945,
0.3633

3.9697, 0.4700,
0.2385

31.1420, 0.2906,
0.3724

3.9116, 0.4744,
0.2387

35.4933, 0.2874,
0.3807

40.2258, 0.2847,
0.3884

Harmonies

Analogous

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



10.5128, 0.3004, 0.2728



10.5128, 0.3400, 0.2927



10.5128, 0.3736, 0.3212

Triad

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



10.5128, 0.3400, 0.2927



10.5128, 0.3582, 0.3977



10.5128, 0.2412, 0.2973

Complementary

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



10.5128, 0.3400, 0.2927



14.6971, 0.2922, 0.3685

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.



10.5128, 0.2547, 0.3326



10.5128, 0.3400, 0.2927



10.5128, 0.3212, 0.3944

Square

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



10.5128, 0.3400, 0.2927



10.5128, 0.3838, 0.3813



10.5128, 0.2834, 0.3697



10.5128, 0.2453, 0.2737

Rectangle

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



10.5128, 0.3400, 0.2927



10.5128, 0.3869, 0.3425



10.5128, 0.2834, 0.3697



10.5128, 0.2438, 0.3081

Sweetspot

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



10.5133, 0.3400, 0.2927



25.8777, 0.3194, 0.3189



9.7867, 0.2889, 0.2575



5.8638, 0.3204, 0.3173



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



10.5133, 0.3400, 0.2927



16.4135, 0.3487, 0.2836



10.2377, 0.3679, 0.3268



3.4284, 0.3200, 0.3179



4.3488, 0.4754, 0.2393



21.4876, 0.4863, 0.2453

Inverse Universe

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



10.5133, 0.3400, 0.2927



16.4135, 0.3487, 0.2836



15.0252, 0.2751, 0.3313



3.4284, 0.3200, 0.3179



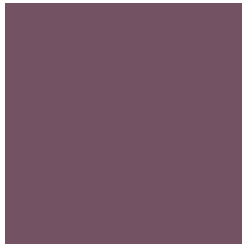
4.3488, 0.4754, 0.2393



21.4876, 0.4863, 0.2453

Previews

White Background



This preview shows how the Yxy color 10.5128, 0.3400, 0.2927 looks on a white background.

Color Contrast Check

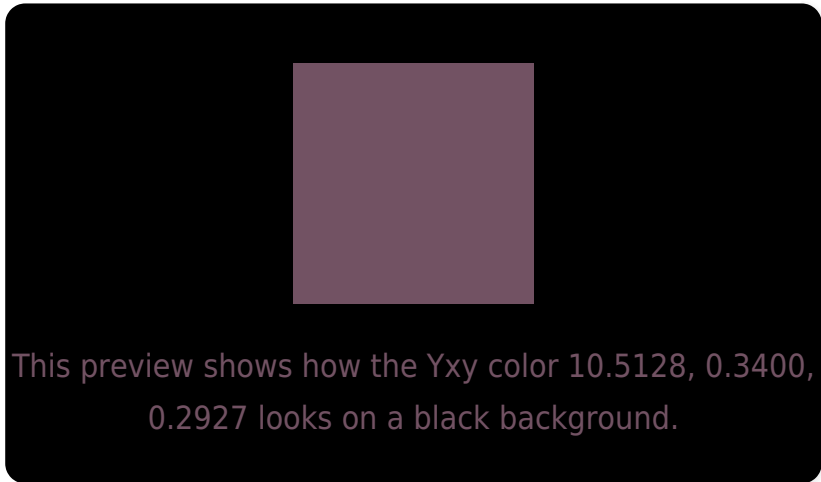
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.5128, 0.3400, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 10.5128, 0.3400, 0.2927.



This preview shows how white text looks on a background with the Yxy color 10.5128, 0.3400, 0.2927.

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

10.5128, 0.3400, 0.2927

Protanopia

10.6259, 0.2900, 0.2960

Deuteranopia

10.6233, 0.3137, 0.3082



Tritanopia

10.5895, 0.3529, 0.3160

Trichromacy



Original Color

10.5128, 0.3400, 0.2927

Protanomaly

10.5554, 0.3064, 0.2947

Deuteranomaly

10.4805, 0.3239, 0.3020

Tritanomaly

10.4875, 0.3481, 0.3074

Monochromacy



Original Color

10.5128, 0.3400, 0.2927

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.9236, 0.3214, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5128, 0.3400, 0.2927 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(114, 82, 99)` looks like.

```
.text, #text, p{  
    color:rgb(114, 82, 99)  
}
```

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(114, 82, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 82, 99) }
```

Border

The CSS property to change the border of an element to Yxy 10.5128, 0.3400, 0.2927 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(114, 82, 99) }
```

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

```
.border{ border-color:rgb(114, 82, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 82, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 82, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 82, 99);  
box-shadow:4px 4px 4px 4px rgb(114, 82,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5128, 0.3400, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 82, 99) }
```

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

```
.background{ background-color: rgb(114, 82,  
99) }
```

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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