

Converting Colors

$Y_{xy}(10.7137, 0.3155, 0.2700)$

Have a look what the booklet for
Yxy(10.7137, 0.3155, 0.2700)
contains.

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Color

Yxy(10.7137, 0.3155, 0.2700)

Conversions

Conversions Part 1

Format	Color
Hex	6F536F
RGB	111, 83, 111
RGB Percent	44%, 33%, 44%
CMY	0.5647, 0.6745, 0.5647
CMYK	0.00, 0.25, 0.00, 0.56
HSL	300°, 14%, 38%
HSV	300°, 25%, 44%
XYZ	12.5192, 10.7137, 16.4475
YIQ	94.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

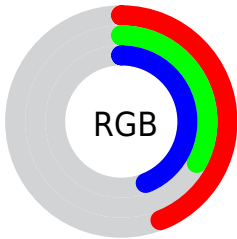
Format	Color
R_{YB}	111, 83, 111
Decimal	7295855
CIE _{Lab}	39.09, 16.92, -11.53
CIE _{LCh}	39, 20.476, 325.747
Yxy	10.7137, 0.3155, 0.2700
Android (android.graphics.Color)	4285485935 (0xFF6F536F)
YUV	94.5640, 8.1029, 14.4144
Hunter-Lab	32.7318, 10.9915, -6.8806

Details

The Yxy color **10.7137, 0.3155, 0.2700** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.8350, 0.3096, 0.3960**, and the grayscale version is **11.3136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2059, 0.3148, 0.2845**, and **2.8019, 0.3167, 0.2438** is the 20% darker color. If you saturate the color by 10%, you get **9.1493, 0.3166, 0.2468**, and if you desaturate by 10%, it is **12.5511, 0.3144, 0.2936**.

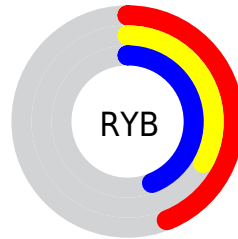
Distribution



Red (44%)

Green (33%)

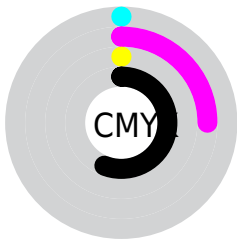
Blue (44%)



Red (44%)

Yellow (33%)

Blue (44%)

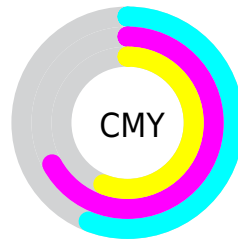


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (56%)



Cyan (56%)


Magenta (67%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.7137, 0.3155, 0.2700 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 10.7137, 0.3155, 0.2700 by changing the saturation by 10% instead.


 10.7137, 0.3155,
0.2700


 10.7137, 0.3155,
0.2700


195.6927, 0.3143,
0.3052


 5.8747, 0.3156,
0.2584


 27.1295, 0.3152,
0.2846


 2.7690, 0.3153,
0.2413

 39.4751, 0.3150,
0.2895


 1.0124, 0.3140,
0.2136

 55.0916, 0.3149,
0.2934

 0.0000, 0.3133,
0.0000

 74.3635, 0.3147,
0.2966

 0.0000, 0.0000,
0.0000

 97.6752, 0.3146,
0.2993

125.4110, 0.3145,

0.3016

157.9554, 0.3144,
0.3035

■ 10.7137, 0.3155,
0.2700

■ 10.7137, 0.3155,
0.2700

■ 9.1493, 0.3166,
0.2468

■ 12.5511, 0.3144,
0.2936

■ 7.8435, 0.3176,
0.2248

■ 14.6721, 0.3133,
0.3170

■ 6.7829, 0.3186,
0.2048

■ 17.0886, 0.3122,
0.3397

■ 5.9521, 0.3194,
0.1875

■ 19.8113, 0.3112,
0.3612

■ 5.3342, 0.3201,
0.1737

■ 22.8503, 0.3102,
0.3814

■ 4.9098, 0.3205,
0.1637

■ 26.2153, 0.3094,
0.4001

■ 4.6422, 0.3209,
0.1571

■ 29.9157, 0.3086,
0.4173

■ 4.5274, 0.3210,
0.1542

■ 33.9604, 0.3078,
0.4330

■ 38.3580, 0.3071,
0.4472

Harmonies

Analogous

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



10.7137, 0.2711, 0.2554



10.7137, 0.3155, 0.2700



10.7137, 0.3624, 0.2977

Triad

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



10.7137, 0.3155, 0.2700



10.7137, 0.3882, 0.4007



10.7137, 0.2353, 0.3155

Complementary

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



10.7137, 0.3155, 0.2700



13.8350, 0.3096, 0.3960

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.



10.7137, 0.2627, 0.3619



10.7137, 0.3155, 0.2700



10.7137, 0.3506, 0.4137

Square

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



10.7137, 0.3155, 0.2700



10.7137, 0.4058, 0.3704



10.7137, 0.3046, 0.4000



10.7137, 0.2275, 0.2778

Rectangle

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



10.7137, 0.3155, 0.2700



10.7137, 0.3874, 0.3209



10.7137, 0.3046, 0.4000



10.7137, 0.2424, 0.3307

Sweetspot

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



10.7142, 0.3155, 0.2700



25.0801, 0.3136, 0.3101



9.1730, 0.2722, 0.2620



5.9092, 0.3137, 0.3072



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.



10.7142, 0.3155, 0.2700



17.5590, 0.3161, 0.2570



10.4296, 0.3380, 0.2985



3.4535, 0.3137, 0.3083



5.3338, 0.3210, 0.1542



26.5695, 0.3210, 0.1542

Inverse Universe

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



10.7142, 0.3155, 0.2700



17.5590, 0.3161, 0.2570



14.0735, 0.2933, 0.3617



3.4535, 0.3137, 0.3083



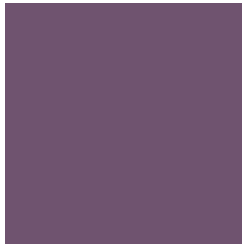
5.3338, 0.3210, 0.1542



26.5695, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 10.7137, 0.3155, 0.2700 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 10.7137, 0.3155, 0.2700 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 10.7137, 0.3155, 0.2700

Background



This preview shows how black text looks on a background with the Yxy color 10.7137, 0.3155, 0.2700.



This preview shows how white text looks on a background with the Yxy color 10.7137, 0.3155, 0.2700.

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

10.7137, 0.3155, 0.2700

Protanopia

10.7450, 0.2706, 0.2695

Deuteranopia

10.7653, 0.2891, 0.2833



Tritanopia

10.6971, 0.3403, 0.3135

Trichromacy



Original Color

10.7137, 0.3155, 0.2700

Protanomaly

10.6501, 0.2852, 0.2687

Deuteranomaly

10.6515, 0.2994, 0.2779

Tritanomaly

10.7321, 0.3308, 0.2964

Monochromacy



Original Color

10.7137, 0.3155, 0.2700

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.1885, 0.3138, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7137, 0.3155, 0.2700 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(111, 83, 111)` looks like.

```
.text, #text, p{  
    color:rgb(111, 83, 111)  
}
```

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(111, 83, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 83, 111) }
```

Border

The CSS property to change the border of an element to Yxy 10.7137, 0.3155, 0.2700 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(111, 83, 111) }
```

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

```
.border{ border-color:rgb(111, 83, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 83, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 83, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 83, 111);  
box-shadow:4px 4px 4px 4px rgb(111, 83,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7137, 0.3155, 0.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 83, 111) }
```

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

```
.background{ background-color: rgb(111, 83,  
111) }
```

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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