

Converting Colors

$Y_{xy}(10.7694, 0.3926, 0.3842)$

Have a look what the booklet for
Yxy(10.7694, 0.3926, 0.3842)
contains.

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Color

Yxy(10.7178, 0.3928, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	6F583F
RGB	111, 88, 63
RGB Percent	44%, 35%, 25%
CMY	0.5648, 0.6549, 0.7529
CMYK	0.00, 0.21, 0.43, 0.56
HSL	31°, 28%, 34%
HSV	31°, 43%, 44%
XYZ	10.9406, 10.7178, 6.1945
YIQ	92.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

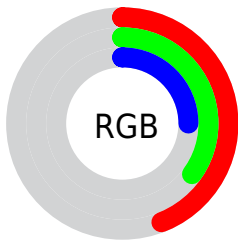
Format	Color
R_{YB}	107, 111, 63
Decimal	7297087
CIE Lab	39.10, 5.72, 18.08
CIE LCh	39, 18.964, 72.449
Yxy	10.7178, 0.3928, 0.3848
Android (android.graphics.Color)	4285487167 (0xFF6F583F)
YUV	92.0270, -14.3103, 16.6393
Hunter-Lab	32.7381, 2.3607, 11.6982

Details

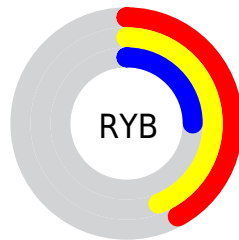
The Yxy color **10.7178, 0.3928, 0.3848** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.8547, 0.2468, 0.2651**, and the grayscale version is **10.7388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2172, 0.3718, 0.3711**, and **2.8024, 0.4362, 0.4106** is the 20% darker color. If you saturate the color by 10%, you get **9.7656, 0.4165, 0.3972**, and if you desaturate by 10%, it is **11.7596, 0.3709, 0.3716**.

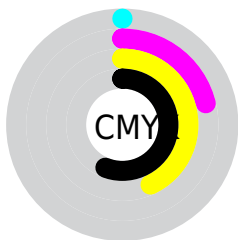
Distribution



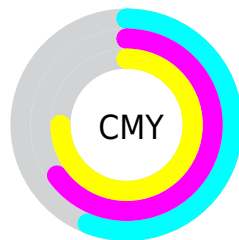
- Red (44%)
- Green (35%)
- Blue (25%)



- Red (42%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (21%)
- Yellow (43%)
- Black (56%)





- Cyan (56%)
- Magenta (65%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7178, 0.3928, 0.3848 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 10.7178, 0.3928, 0.3848 by changing the saturation by 10% instead.

 10.7178, 0.3928,
0.3848


 10.7178, 0.3928,
0.3848


 195.7211, 0.3432,
0.3513


 5.8774, 0.4100,
0.3954

 27.1371, 0.3717,
0.3710


 2.7707, 0.4358,
0.4102

 39.4849, 0.3648,
0.3664


 1.0132, 0.5259,
0.4741

 55.1039, 0.3593,
0.3626

 0.0000, 1.0000,
0.0000

 74.3785, 0.3548,
0.3595

 0.0000, 0.0000,
0.0000

 97.6931, 0.3512,
0.3570

 125.4322, 0.3481,

0.3548

157.9800, 0.3455,
0.3530

■ 10.7178, 0.3928,
0.3848

■ 10.7178, 0.3928,
0.3848

■ 9.7656, 0.4165,
0.3972

■ 11.7596, 0.3709,
0.3716

■ 8.8987, 0.4414,
0.4078

■ 12.8922, 0.3510,
0.3583

■ 8.1145, 0.4666,
0.4158

■ 14.1187, 0.3332,
0.3453

■ 7.4096, 0.4909,
0.4200

■ 15.4414, 0.3174,
0.3329

■ 6.7800, 0.5130,
0.4197

■ 16.8628, 0.3035,
0.3212

■ 6.3894, 0.5282,
0.4188

■ 18.3850, 0.2912,
0.3103

■ 20.0103, 0.2805,
0.3002

■ 21.7406, 0.2710,
0.2909

■ 23.5781, 0.2627,
0.2824

Harmonies

Analogous

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



10.7178, 0.3982, 0.3529



10.7178, 0.3928, 0.3848



10.7178, 0.3652, 0.4048

Triad

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



10.7178, 0.3928, 0.3848



10.7178, 0.2500, 0.3355



10.7178, 0.2961, 0.2662

Complementary

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



10.7178, 0.3928, 0.3848



8.8547, 0.2468, 0.2651

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.



10.7178, 0.2593, 0.2592



10.7178, 0.3928, 0.3848



10.7178, 0.2342, 0.2956

Square

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



10.7178, 0.3928, 0.3848



10.7178, 0.2825, 0.3769



10.7178, 0.2375, 0.2688



10.7178, 0.3402, 0.2872

Rectangle

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



10.7178, 0.3928, 0.3848



10.7178, 0.3389, 0.4066



10.7178, 0.2375, 0.2688



10.7178, 0.2826, 0.2621

Sweetspot

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



10.7183, 0.3928, 0.3848



25.2638, 0.3334, 0.3455



7.6081, 0.3655, 0.2776



5.9718, 0.3364, 0.3478



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.



10.7183, 0.3928, 0.3848



17.4637, 0.4169, 0.3974



15.0502, 0.3723, 0.4300



3.6623, 0.3263, 0.3400



7.4794, 0.5293, 0.4179



35.5215, 0.5370, 0.4118

Inverse Universe

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



8.8547, 0.2468, 0.2651



13.6467, 0.2313, 0.2466



5.7855, 0.2382, 0.2042



3.5394, 0.2996, 0.3178



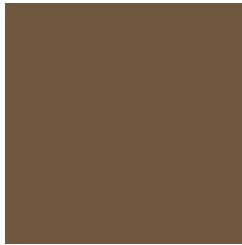
4.3160, 0.1770, 0.1571



19.7916, 0.1744, 0.1477

Previews

White Background



This preview shows how the Yxy color 10.7178, 0.3928, 0.3848 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 10.7178, 0.3928, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

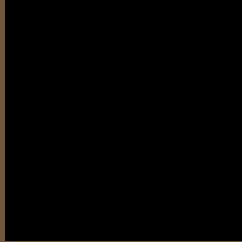
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7178, 0.3928, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 10.7178, 0.3928, 0.3848.



This preview shows how white text looks on a background with the Yxy color 10.7178, 0.3928, 0.3848.

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

10.7178, 0.3928, 0.3848

Protanopia

10.7453, 0.3673, 0.3932

Deuteranopia

10.6533, 0.3911, 0.3852



Tritanopia

10.6734, 0.3529, 0.3140

Trichromacy



Original Color

10.7178, 0.3928, 0.3848

Protanomaly

10.7954, 0.3765, 0.3917

Deuteranomaly

10.6533, 0.3911, 0.3852

Tritanomaly

10.6018, 0.3680, 0.3380

Monochromacy



Original Color

10.7178, 0.3928, 0.3848

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.7289, 0.3411, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7178, 0.3928, 0.3848 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, 88, 63)` looks like.

```
.text, #text, p{  
    color:rgb(111, 88, 63)  
}
```

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, 88, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 88, 63) }
```

Border

The CSS property to change the border of an element to Yxy 10.7178, 0.3928, 0.3848 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, 88, 63) }
```

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

```
.border{ border-color:rgb(111, 88, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 88, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 88, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 88, 63);  
box-shadow:4px 4px 4px 4px rgb(111, 88,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7178, 0.3928, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 88, 63) }
```

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

```
.background{ background-color: rgb(111, 88,  
63) }
```

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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