

Converting Colors

$Yxy(10.2035, 0.3801, 0.3097)$

Have a look what the booklet for
Yxy(10.2035, 0.3801, 0.3097)
contains.

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Color

Yxy(10.2068, 0.3792, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	7B4D57
RGB	123, 77, 87
RGB Percent	48%, 30%, 34%
CMY	0.5177, 0.6980, 0.6588
CMYK	0.00, 0.37, 0.29, 0.52
HSL	347°, 23%, 39%
HSV	347°, 37%, 48%
XYZ	12.5419, 10.2068, 10.3259
YIQ	91.8940, 24.2060, 12.8620

Conversions

Conversions Part 2

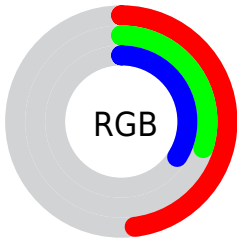
Format	Color
R_{YB}	123, 77, 87
Decimal	8080727
CIE _{Lab}	38.21, 20.88, 2.26
CIE _{LCh}	38, 21.007, 6.182
Yxy	10.2068, 0.3792, 0.3086
Android (android.graphics.Color)	4286270807 (0xFF7B4D57)
YUV	91.8940, -2.4127, 27.2800
Hunter-Lab	31.9481, 14.1646, 3.2007

Details

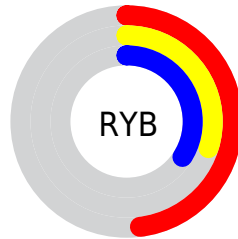
The Yxy color **10.2068, 0.3792, 0.3086** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9347, 0.2720, 0.3509**, and the grayscale version is **10.6786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.3320, 0.3611, 0.3145**, and **2.5636, 0.4196, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **8.4987, 0.4066, 0.3033**, and if you desaturate by 10%, it is **12.2624, 0.3564, 0.3143**.

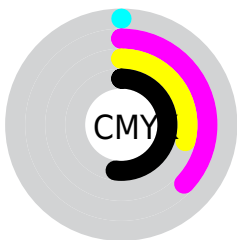
Distribution



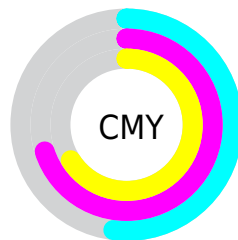
- Red (48%)
- Green (30%)
- Blue (34%)



- Red (48%)
- Yellow (30%)
- Blue (34%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (52%)





- Cyan (52%)
- Magenta (70%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2068, 0.3792, 0.3086 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 10.2068, 0.3792, 0.3086 by changing the saturation by 10% instead.

 10.2068, 0.3792,
0.3086


 10.2068, 0.3792,
0.3086


192.1417, 0.3376,
0.3217


 5.5363, 0.3943,
0.3037

 26.1838, 0.3612,
0.3144


 2.5652, 0.4181,
0.2956

 38.2590, 0.3554,
0.3162


 0.9092, 0.4618,
0.2811

 53.5712, 0.3509,
0.3176

 0.0000, 1.0000,
0.0000

 72.5049, 0.3472,
0.3187

 0.0000, 0.0000,
0.0000

 95.4444, 0.3442,
0.3197

122.7741, 0.3416,

0.3204

154.8784, 0.3394,
0.3211

■ 10.2068, 0.3792,
0.3086

■ 10.2068, 0.3792,
0.3086

■ 8.4987, 0.4066,
0.3033

■ 12.2624, 0.3564,
0.3143

■ 7.1173, 0.4387,
0.2988

■ 14.6817, 0.3376,
0.3199

■ 6.0421, 0.4750,
0.2960


■ 17.4818, 0.3222,
0.3252


■ 5.2495, 0.5138,
0.2957


■ 20.6781, 0.3097,
0.3303

■ 4.7123, 0.5519,
0.2986

■ 24.2853, 0.2994,
0.3349

 4.3701, 0.5862,
0.3040

 28.3172, 0.2910,
0.3392

 4.2884, 0.5948,
0.3050

 32.7872, 0.2841,
0.3431

 37.7078, 0.2783,
0.3466

 43.0912, 0.2735,
0.3498

Harmonies

Analogous

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



10.2068, 0.3330, 0.2764



10.2068, 0.3792, 0.3086



10.2068, 0.4068, 0.3468

Triad

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



10.2068, 0.3792, 0.3086



10.2068, 0.3357, 0.4159



10.2068, 0.2263, 0.2661

Complementary

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



10.2068, 0.3792, 0.3086



16.9347, 0.2720, 0.3509

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.



10.2068, 0.2270, 0.2994



10.2068, 0.3792, 0.3086



10.2068, 0.2878, 0.3917

Square

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



10.2068, 0.3792, 0.3086



10.2068, 0.3794, 0.4110



10.2068, 0.2486, 0.3463



10.2068, 0.2463, 0.2517

Rectangle

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



10.2068, 0.3792, 0.3086



10.2068, 0.4097, 0.3723



10.2068, 0.2486, 0.3463



10.2068, 0.2242, 0.2751

Sweetspot

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



10.2073, 0.3792, 0.3086



29.2801, 0.3278, 0.3232



10.2006, 0.2999, 0.2363



6.7664, 0.3295, 0.3226



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



10.2073, 0.3792, 0.3086



15.5799, 0.4028, 0.3039



11.9362, 0.3891, 0.3545



4.0280, 0.3246, 0.3244



4.4361, 0.5952, 0.3053



21.0541, 0.6069, 0.3117

Inverse Universe

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



10.2073, 0.3792, 0.3086



15.5799, 0.4028, 0.3039



14.3181, 0.2590, 0.3017



4.0280, 0.3246, 0.3244



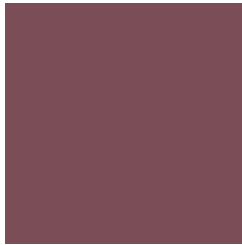
4.4361, 0.5952, 0.3053



21.0541, 0.6069, 0.3117

Previews

White Background



This preview shows how the Yxy color 10.2068, 0.3792, 0.3086 looks on a white background.

Color Contrast Check

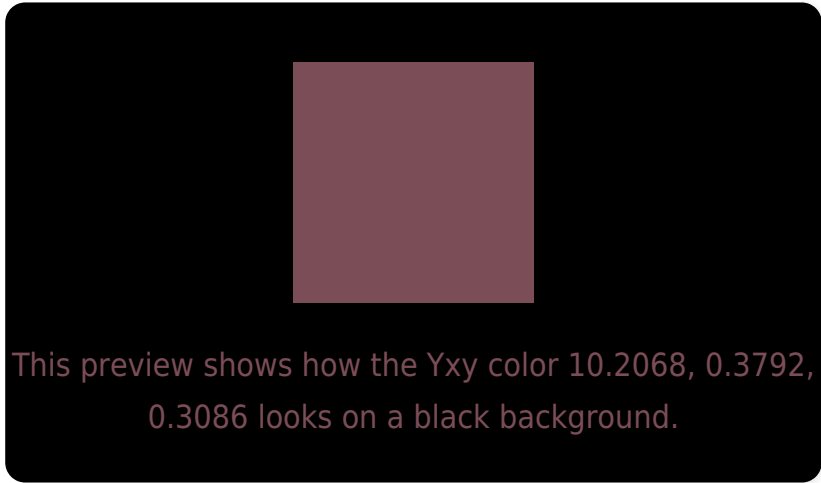
Large Text (above 18pt) WCAG AA ✓ Pass

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

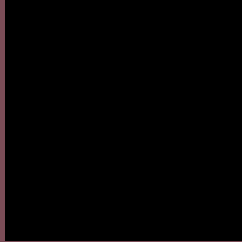
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2068, 0.3792, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 10.2068, 0.3792, 0.3086.



This preview shows how white text looks on a background with the Yxy color 10.2068, 0.3792, 0.3086.

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

10.2068, 0.3792, 0.3086

Protanopia

10.3446, 0.3084, 0.3193

Deuteranopia

10.2390, 0.3395, 0.3338



Tritanopia

10.2843, 0.3862, 0.3189

Trichromacy



Original Color

10.2068, 0.3792, 0.3086

Protanomaly

10.1359, 0.3337, 0.3152

Deuteranomaly

10.1096, 0.3533, 0.3224

Tritanomaly

10.2998, 0.3843, 0.3168

Monochromacy



Original Color

10.2068, 0.3792, 0.3086

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4381, 0.3348, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2068, 0.3792, 0.3086 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(123, 77, 87)` looks like.

```
.text, #text, p{  
    color:rgb(123, 77, 87)  
}
```

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(123, 77, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 77, 87) }
```

Border

The CSS property to change the border of an element to Yxy 10.2068, 0.3792, 0.3086 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(123, 77, 87) }
```

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

```
.border{ border-color:rgb(123, 77, 87) }
```

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

Here you see how a box with a 4 pixel rgb(123, 77, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 77, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 77, 87);  
box-shadow:4px 4px 4px 4px rgb(123, 77,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 10.2068, 0.3792, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 77, 87) }
```

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

```
.background{ background-color: rgb(123, 77,  
87) }
```

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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