

Converting Colors

$Y_{xy}(10.0575, 0.3956, 0.2989)$

Have a look what the booklet for
Yxy(10.0575, 0.3956, 0.2989)
contains.

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Color

Yxy(10.1481, 0.3962, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	834857
RGB	131, 72, 87
RGB Percent	51%, 28%, 34%
CMY	0.4863, 0.7176, 0.6588
CMYK	0.00, 0.45, 0.34, 0.49
HSL	345°, 29%, 40%
HSV	345°, 45%, 51%
XYZ	13.3978, 10.1481, 10.2698
YIQ	91.3510, 30.3490, 17.1730

Conversions

Conversions Part 2

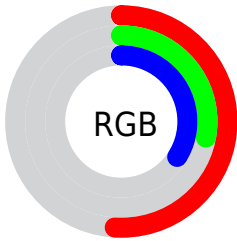
Format	Color
RYB	131, 72, 87
Decimal	8603735
CIELab	38.11, 27.00, 2.25
CIElCh	38, 27.090, 4.760
Yxy	10.1481, 0.3962, 0.3001
Android (android.graphics.Color)	4286793815 (0xFF834857)
YUV	91.3510, -2.1450, 34.7722
Hunter-Lab	31.8561, 19.3240, 3.1852

Details

The Yxy color **10.1481, 0.3962, 0.3001** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **18.8715, 0.2669, 0.3612**, and the grayscale version is **10.5460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.1643, 0.3735, 0.3081**, and **2.5247, 0.4442, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **8.4824, 0.4259, 0.2945**, and if you desaturate by 10%, it is **12.1974, 0.3710, 0.3065**.

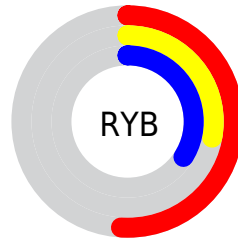
Distribution



Red (51%)

Green (28%)

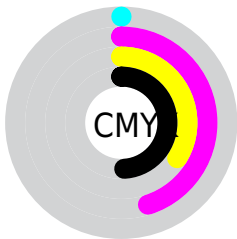
Blue (34%)



Red (51%)

Yellow (28%)

Blue (34%)

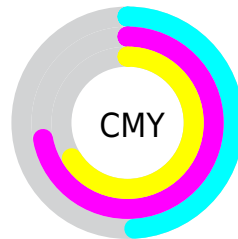


Cyan (0%)

Magenta (45%)

Yellow (34%)

Black (49%)



Cyan (49%)


Magenta (72%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1481, 0.3962, 0.3001 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 10.1481, 0.3962, 0.3001 by changing the saturation by 10% instead.


 10.1481, 0.3962,
0.3001


 10.1481, 0.3962,
0.3001

191.7258, 0.3440,
0.3185


 5.4973, 0.4150,
0.2932

 26.0737, 0.3736,
0.3082


 2.5419, 0.4446,
0.2821

 38.1172, 0.3664,
0.3108


 0.8975, 0.4983,
0.2622

 53.3938, 0.3607,
0.3128

 0.0000, 1.0000,
0.0000

 72.2878, 0.3560,
0.3144

 0.0000, 0.0000,
0.0000

 95.1836, 0.3522,
0.3157

122.4656, 0.3490,

0.3168

154.5182, 0.3463,
0.3177

■ 10.1481, 0.3962,
0.3001

■ 10.1481, 0.3962,
0.3001

■ 8.4824, 0.4259,
0.2945

■ 12.1974, 0.3710,
0.3065

■ 7.1748, 0.4598,
0.2905

■ 14.6507, 0.3501,
0.3132

■ 6.1990, 0.4966,
0.2890


■ 17.5287, 0.3329,
0.3198


■ 5.5245, 0.5340,
0.2911


■ 20.8503, 0.3188,
0.3260


■ 5.1074, 0.5685,
0.2968

■ 24.6334, 0.3073,
0.3318

 4.9368, 0.5848,
0.2995

 28.8945, 0.2978,
0.3372

 33.6498, 0.2901,
0.3421

 38.9143, 0.2837,
0.3466

 44.7027, 0.2784,
0.3507

Harmonies

Analogous

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



10.1481, 0.3351, 0.2612



10.1481, 0.3962, 0.3001



10.1481, 0.4335, 0.3470

Triad

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



10.1481, 0.3962, 0.3001



10.1481, 0.3432, 0.4436



10.1481, 0.2036, 0.2495

Complementary

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



10.1481, 0.3962, 0.3001



18.8715, 0.2669, 0.3612

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.



10.1481, 0.2052, 0.2917



10.1481, 0.3962, 0.3001



10.1481, 0.2823, 0.4143

Square

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



10.1481, 0.3962, 0.3001



10.1481, 0.3990, 0.4322



10.1481, 0.2325, 0.3538



10.1481, 0.2268, 0.2319

Rectangle

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



10.1481, 0.3962, 0.3001



10.1481, 0.4377, 0.3791



10.1481, 0.2325, 0.3538



10.1481, 0.2013, 0.2608

Sweetspot

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



10.1486, 0.3962, 0.3001



31.7874, 0.3318, 0.3202



9.9368, 0.2930, 0.2154



7.1593, 0.3347, 0.3190



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



10.1486, 0.3962, 0.3001



15.1345, 0.4265, 0.2944



11.9120, 0.4137, 0.3561



4.7067, 0.3242, 0.3235



4.8599, 0.5846, 0.2994



0.0179, 0.4823, 0.2431

Inverse Universe

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



10.1486, 0.3962, 0.3001



15.1345, 0.4265, 0.2944



15.7938, 0.2493, 0.2992



4.7067, 0.3242, 0.3235



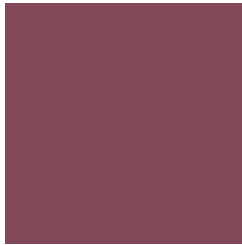
4.8599, 0.5846, 0.2994



0.0179, 0.4823, 0.2431

Previews

White Background



This preview shows how the Yxy color 10.1481, 0.3962, 0.3001 looks on a white background.

Color Contrast Check

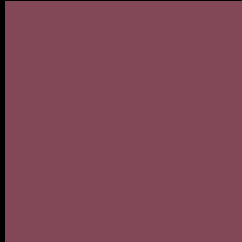
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.1481, 0.3962, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

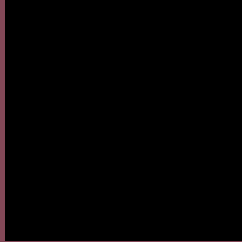
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1481, 0.3962, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 10.1481, 0.3962, 0.3001.



This preview shows how white text looks on a background with the Yxy color 10.1481, 0.3962, 0.3001.

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

10.1481, 0.3962, 0.3001

Protanopia

10.3491, 0.3025, 0.3121

Deuteranopia

10.2232, 0.3412, 0.3362



Tritanopia

10.0754, 0.4097, 0.3175

Trichromacy



Original Color

10.1481, 0.3962, 0.3001

Protanomaly

9.9801, 0.3344, 0.3063

Deuteranomaly

10.1352, 0.3608, 0.3225

Tritanomaly

10.1201, 0.4037, 0.3116

Monochromacy



Original Color

10.1481, 0.3962, 0.3001

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.1430, 0.3408, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1481, 0.3962, 0.3001 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(131, 72, 87)` looks like.

```
.text, #text, p{  
    color:rgb(131, 72, 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(131, 72, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 72, 87) }
```

Border

The CSS property to change the border of an element to Yxy 10.1481, 0.3962, 0.3001 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(131, 72, 87) }
```

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

```
.border{ border-color:rgb(131, 72, 87) }
```

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

Here you see how a box with a 4 pixel rgb(131, 72, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 72, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 72, 87);  
box-shadow:4px 4px 4px 4px rgb(131, 72,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1481, 0.3962, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 72, 87) }
```

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

```
.background{ background-color: rgb(131, 72,  
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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