

Converting Colors

$Y_{xy}(10.2384, 0.3836, 0.2658)$

Have a look what the booklet for
Yxy(10.2384, 0.3836, 0.2658)
contains.

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Color

Yxy(10.2393, 0.3836, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	8A4265
RGB	138, 66, 101
RGB Percent	54%, 26%, 40%
CMY	0.4588, 0.7411, 0.6040
CMYK	0.00, 0.52, 0.27, 0.46
HSL	331°, 35%, 40%
HSV	331°, 52%, 54%
XYZ	14.7773, 10.2393, 13.5060
YIQ	91.5180, 31.6770, 26.1490

Conversions

Conversions Part 2

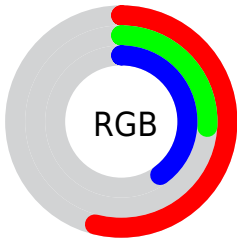
Format	Color
R_{YB}	138, 66, 101
Decimal	9060965
CIE Lab	38.27, 34.94, -6.18
CIE LCh	38, 35.483, 349.974
Yxy	10.2393, 0.3836, 0.2658
Android (android.graphics.Color)	4287251045 (0xFF8A4265)
YUV	91.5180, 4.6746, 40.7647
Hunter-Lab	31.9989, 26.4341, -2.6257

Details

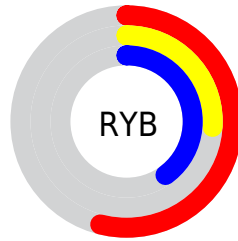
The Yxy color **10.2393, 0.3836, 0.2658** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.3138, 0.2750, 0.4052**, and the grayscale version is **10.5703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0952, 0.3647, 0.2807**, and **2.5682, 0.4214, 0.2354** is the 20% darker color. If you saturate the color by 10%, you get **8.6839, 0.4047, 0.2559**, and if you desaturate by 10%, it is **12.1968, 0.3650, 0.2774**.

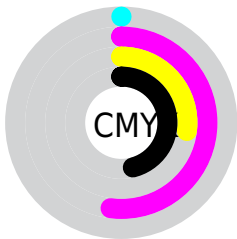
Distribution



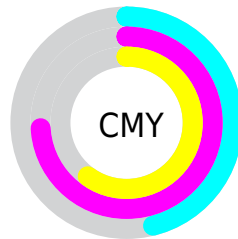
- Red (54%)
- Green (26%)
- Blue (40%)



- Red (54%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (52%)
- Yellow (27%)
- Black (46%)




- Cyan (46%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2393, 0.3836, 0.2658 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 10.2393, 0.3836, 0.2658 by changing the saturation by 10% instead.


 10.2393, 0.3836,
0.2658


 10.2393, 0.3836,
0.2658


192.3716, 0.3402,
0.3038


 5.5579, 0.3986,
0.2532


 26.2446, 0.3652,
0.2816


 2.5782, 0.4214,
0.2345

 38.3374, 0.3592,
0.2869


 0.9157, 0.4603,
0.2040

 53.6693, 0.3544,
0.2911

 0.0000, 0.7504,
0.0000

 72.6249, 0.3505,
0.2946

 0.0000, 0.0000,
0.0000

 95.5886, 0.3473,
0.2974

122.9446, 0.3445,

0.2999

155.0775, 0.3422,
0.3020

■ 10.2393, 0.3836,
0.2658

■ 10.2393, 0.3836,
0.2658

■ 8.6839, 0.4047,
0.2559

■ 12.1968, 0.3650,
0.2774

■ 7.5003, 0.4280,
0.2488

■ 14.5808, 0.3490,
0.2899

■ 6.6564, 0.4525,
0.2458

■ 17.4155, 0.3354,
0.3025

■ 6.1138, 0.4773,
0.2476

■ 20.7230, 0.3240,
0.3148

■ 5.8087, 0.4968,
0.2511

■ 24.5236, 0.3145,
0.3266

■ 28.8368, 0.3067,
0.3376

■ 33.6807, 0.3001,
0.3478

■ 39.0728, 0.2947,
0.3572

■ 45.0296, 0.2902,
0.3659

Harmonies

Analogous

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



10.2393, 0.2992, 0.2264



10.2393, 0.3836, 0.2658



10.2393, 0.4521, 0.3189

Triad

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



10.2393, 0.3836, 0.2658



10.2393, 0.3857, 0.4761



10.2393, 0.1730, 0.2476

Complementary

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



10.2393, 0.3836, 0.2658



20.3138, 0.2750, 0.4052

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.



10.2393, 0.1891, 0.3156



10.2393, 0.3836, 0.2658



10.2393, 0.3085, 0.4702

Square

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



10.2393, 0.3836, 0.2658



10.2393, 0.4477, 0.4356



10.2393, 0.2366, 0.4045



10.2393, 0.1867, 0.2129

Rectangle

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



10.2393, 0.3836, 0.2658



10.2393, 0.4733, 0.3580



10.2393, 0.2366, 0.4045



10.2393, 0.1749, 0.2666

Sweetspot

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



10.2398, 0.3836, 0.2658



33.9915, 0.3285, 0.3097



8.5574, 0.2633, 0.1875



7.3960, 0.3305, 0.3076



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



10.2398, 0.3836, 0.2658



14.7987, 0.4096, 0.2541



9.6939, 0.4558, 0.3294



5.0864, 0.3210, 0.3184



5.3291, 0.4960, 0.2506



0.0383, 0.4069, 0.2015

Inverse Universe

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



10.2398, 0.3836, 0.2658



14.7987, 0.4096, 0.2541



21.1690, 0.2473, 0.3288



5.0864, 0.3210, 0.3184



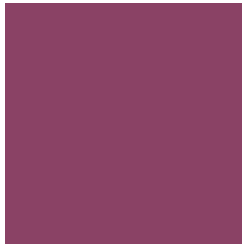
5.3291, 0.4960, 0.2506



0.0383, 0.4069, 0.2015

Previews

White Background



This preview shows how the Yxy color 10.2393, 0.3836, 0.2658 looks on a white background.

Color Contrast Check

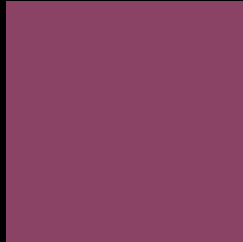
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.2393, 0.3836, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

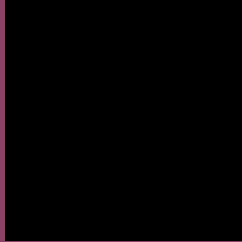
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2393, 0.3836, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 10.2393, 0.3836, 0.2658.



This preview shows how white text looks on a background with the Yxy color 10.2393, 0.3836, 0.2658.

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

10.2393, 0.3836, 0.2658

Protanopia

10.4815, 0.2677, 0.2667

Deuteranopia

10.3293, 0.3121, 0.3079



Tritanopia

10.2625, 0.4275, 0.3200

Trichromacy



Original Color

10.2393, 0.3836, 0.2658

Protanomaly

9.9756, 0.3043, 0.2635

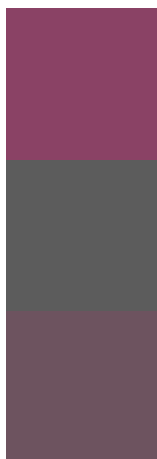
Deuteranomaly

9.9987, 0.3371, 0.2898

Tritanomaly

10.2305, 0.4125, 0.2996

Monochromacy



Original Color

10.2393, 0.3836, 0.2658

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.2639, 0.3379, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2393, 0.3836, 0.2658 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(138, 66, 101)` looks like.

```
.text, #text, p{  
    color:rgb(138, 66, 101)  
}
```

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(138, 66, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 66, 101) }
```

Border

The CSS property to change the border of an element to Yxy 10.2393, 0.3836, 0.2658 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(138, 66, 101) }
```

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

```
.border{ border-color:rgb(138, 66, 101) }
```

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

Here you see how a box with a 4 pixel rgb(138, 66, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 66, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 66, 101);  
box-shadow:4px 4px 4px 4px rgb(138, 66,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 10.2393, 0.3836, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 66, 101) }
```

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

```
.background{ background-color: rgb(138, 66,  
101) }
```

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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