

Converting Colors

$Y_{xy}(10.9152, 0.3654, 0.3056)$

Have a look what the booklet for
Yxy(10.9152, 0.3654, 0.3056)
contains.

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Color

Yxy(10.8861, 0.3662, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	7B515D
RGB	123, 81, 93
RGB Percent	48%, 32%, 36%
CMY	0.5176, 0.6824, 0.6353
CMYK	0.00, 0.34, 0.24, 0.52
HSL	343°, 21%, 40%
HSV	343°, 34%, 48%
XYZ	13.0876, 10.8861, 11.7653
YIQ	94.9260, 21.1800, 12.6360

Conversions

Conversions Part 2

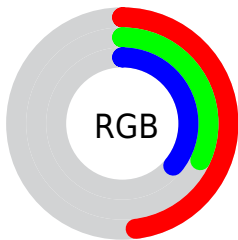
Format	Color
R_{YB}	123, 81, 93
Decimal	8081757
CIE _{Lab}	39.39, 19.45, 0.24
CIE _{LCh}	39, 19.453, 0.696
Yxy	10.8861, 0.3662, 0.3046
Android (android.graphics.Color)	4286271837 (0xFF7B515D)
YUV	94.9260, -0.9495, 24.6209
Hunter-Lab	32.9941, 13.0652, 1.9538

Details

The Yxy color **10.8861, 0.3662, 0.3046** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.0665, 0.2778, 0.3552**, and the grayscale version is **11.4238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4459, 0.3517, 0.3116**, and **2.8238, 0.3975, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **9.0742, 0.3896, 0.2974**, and if you desaturate by 10%, it is **13.0482, 0.3467, 0.3120**.

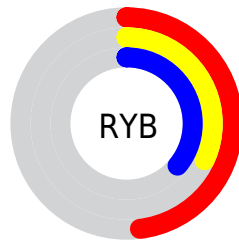
Distribution



Red (48%)

Green (32%)

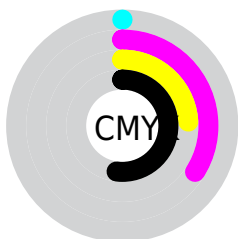
Blue (36%)



Red (48%)

Yellow (32%)

Blue (36%)

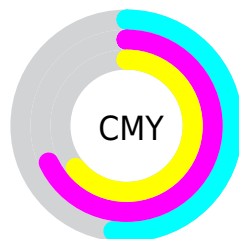


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (52%)



Cyan (52%)


Magenta (68%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8861, 0.3662, 0.3046 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 10.8861, 0.3662, 0.3046 by changing the saturation by 10% instead.


 10.8861, 0.3662,
0.3046


 10.8861, 0.3662,
0.3046


196.8845, 0.3331,
0.3197


 5.9903, 0.3779,
0.2992

 27.4494, 0.3520,
0.3111


 2.8392, 0.3962,
0.2908

 39.8856, 0.3474,
0.3132

 1.0484, 0.4285,
0.2759

 55.6041, 0.3438,
0.3149

 0.0000, 1.0000,
0.0000

 74.9893, 0.3408,
0.3162

 0.0000, 0.0000,
0.0000

 98.4255, 0.3384,
0.3173

126.2972, 0.3363,

0.3183

158.9887, 0.3346,
0.3191

■ 10.8861, 0.3662,
0.3046

■ 10.8861, 0.3662,
0.3046

■ 9.0742, 0.3896,
0.2974

■ 13.0482, 0.3467,
0.3120

■ 7.5924, 0.4171,
0.2909

■ 15.5761, 0.3307,
0.3193

■ 6.4210, 0.4487,
0.2859


■ 18.4862, 0.3175,
0.3263

■ 5.5376, 0.4834,
0.2835


■ 21.7937, 0.3066,
0.3327

■ 4.9166, 0.5192,
0.2847


■ 25.5128, 0.2978,
0.3387


 4.5229, 0.5533,
0.2898

 29.6569, 0.2904,
0.3442

 4.3340, 0.5727,
0.2929

 34.2390, 0.2844,
0.3492

 39.2715, 0.2793,
0.3537

 44.7661, 0.2751,
0.3579

Harmonies

Analogous

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



10.8861, 0.3230, 0.2766



10.8861, 0.3662, 0.3046



10.8861, 0.3951, 0.3392

Triad

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



10.8861, 0.3662, 0.3046



10.8861, 0.3418, 0.4085



10.8861, 0.2324, 0.2763

Complementary

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



10.8861, 0.3662, 0.3046



17.0665, 0.2778, 0.3552

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.



10.8861, 0.2367, 0.3097



10.8861, 0.3662, 0.3046



10.8861, 0.2980, 0.3912

Square

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



10.8861, 0.3662, 0.3046



10.8861, 0.3794, 0.4004



10.8861, 0.2599, 0.3529



10.8861, 0.2475, 0.2596

Rectangle

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



10.8861, 0.3662, 0.3046



10.8861, 0.4010, 0.3628



10.8861, 0.2599, 0.3529



10.8861, 0.2317, 0.2857

Sweetspot

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



10.8866, 0.3662, 0.3046



29.8403, 0.3252, 0.3221



10.6562, 0.2970, 0.2435



6.8885, 0.3268, 0.3213



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.



10.8866, 0.3662, 0.3046



16.8917, 0.3842, 0.2989



12.0176, 0.3823, 0.3465



4.0321, 0.3236, 0.3229



4.4816, 0.5731, 0.2931



21.2483, 0.5860, 0.3002

Inverse Universe

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



10.8866, 0.3662, 0.3046



16.8917, 0.3842, 0.2989



15.3523, 0.2641, 0.3106



4.0321, 0.3236, 0.3229



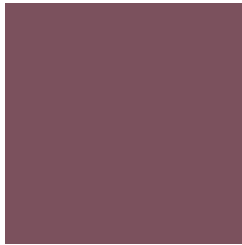
4.4816, 0.5731, 0.2931



21.2483, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 10.8861, 0.3662, 0.3046 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 10.8861, 0.3662, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

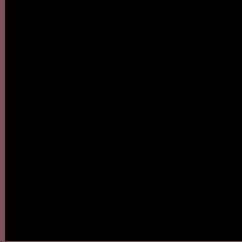
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8861, 0.3662, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 10.8861, 0.3662, 0.3046.



This preview shows how white text looks on a background with the Yxy color 10.8861, 0.3662, 0.3046.

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

10.8861, 0.3662, 0.3046

Protanopia

11.0760, 0.3028, 0.3126

Deuteranopia

10.9512, 0.3323, 0.3268



Tritanopia

10.8767, 0.3729, 0.3167

Trichromacy



Original Color

10.8861, 0.3662, 0.3046

Protanomaly

10.9509, 0.3249, 0.3110

Deuteranomaly

10.9041, 0.3433, 0.3181

Tritanomaly

10.9103, 0.3693, 0.3126

Monochromacy



Original Color

10.8861, 0.3662, 0.3046

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.1237, 0.3309, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8861, 0.3662, 0.3046 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, 81, 93)` looks like.

```
.text, #text, p{  
    color:rgb(123, 81, 93)  
}
```

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, 81, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 81, 93) }
```

Border

The CSS property to change the border of an element to Yxy 10.8861, 0.3662, 0.3046 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, 81, 93) }
```

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

```
.border{ border-color:rgb(123, 81, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 81, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 81, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 81, 93);  
box-shadow:4px 4px 4px 4px rgb(123, 81,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8861, 0.3662, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 81, 93) }
```

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

```
.background{ background-color: rgb(123, 81,  
93) }
```

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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