

Converting Colors

$Y_{xy}(11.9961, 0.3670, 0.2921)$

Have a look what the booklet for
Yxy(11.9961, 0.3670, 0.2921)
contains.

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Color

Yxy(11.9804, 0.3666, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	855266
RGB	133, 82, 102
RGB Percent	52%, 32%, 40%
CMY	0.4785, 0.6784, 0.6000
CMYK	0.00, 0.38, 0.23, 0.48
HSL	336°, 24%, 42%
HSV	336°, 38%, 52%
XYZ	15.0876, 11.9804, 14.0876
YIQ	99.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

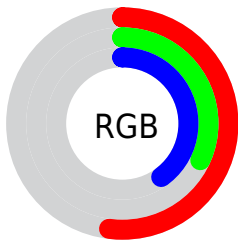
Format	Color
R_{YB}	133, 82, 102
Decimal	8737382
CIE _{Lab}	41.18, 24.24, -2.56
CIE _{LCh}	41, 24.375, 353.970
Yxy	11.9804, 0.3666, 0.2911
Android (android.graphics.Color)	4286927462 (0xFF855266)
YUV	99.5290, 1.2182, 29.3541
Hunter-Lab	34.6127, 17.2357, 0.0975

Details

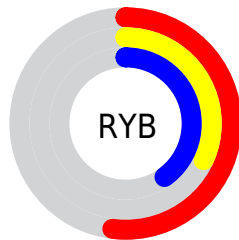
The Yxy color **11.9804, 0.3666, 0.2911** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7598, 0.2788, 0.3710**, and the grayscale version is **12.6106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3672, 0.3525, 0.3001**, and **3.2717, 0.3963, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **10.0130, 0.3877, 0.2814**, and if you desaturate by 10%, it is **14.3534, 0.3487, 0.3013**.

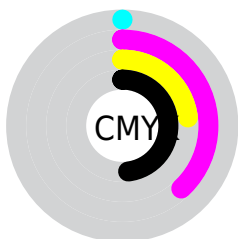
Distribution



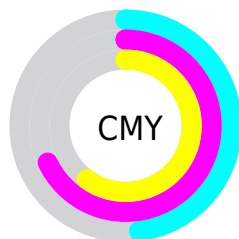
- Red (52%)
- Green (32%)
- Blue (40%)



- Red (52%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (48%)





- Cyan (48%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9804, 0.3666, 0.2911 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 11.9804, 0.3666, 0.2911 by changing the saturation by 10% instead.


 11.9804, 0.3666,
0.2911


 11.9804, 0.3666,
0.2911


204.2755, 0.3339,
0.3139


 6.7303, 0.3777,
0.2835


 29.4594, 0.3528,
0.3006


 3.2940, 0.3946,
0.2721

 42.4571, 0.3483,
0.3038


 1.2871, 0.4232,
0.2533

 58.8062, 0.3447,
0.3063

 0.1312, 0.6126,
0.1122

 78.8910, 0.3417,
0.3084

 0.0000, 0.0000,
0.0000

 103.0959, 0.3392,
0.3101

131.8054, 0.3372,

0.3116

165.4038, 0.3354,
0.3128

■ 11.9804, 0.3666,
0.2911

■ 11.9804, 0.3666,
0.2911

■ 10.0130, 0.3877,
0.2814

■ 14.3534, 0.3487,
0.3013

■ 8.4265, 0.4122,
0.2729

■ 17.1514, 0.3338,
0.3115

■ 7.1961, 0.4398,
0.2666


■ 20.3947, 0.3214,
0.3213


■ 6.2934, 0.4695,
0.2638


■ 24.1017, 0.3111,
0.3305

■ 5.6855, 0.4998,
0.2654

■ 28.2899, 0.3027,
0.3391

 5.2956, 0.5294,
0.2709

 32.9757, 0.2957,
0.3470

 5.2353, 0.5344,
0.2718

 38.1749, 0.2900,
0.3543

 43.9024, 0.2852,
0.3609

 50.1727, 0.2812,
0.3670

Harmonies

Analogous

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



11.9804, 0.3123, 0.2609



11.9804, 0.3666, 0.2911



11.9804, 0.4073, 0.3306

Triad

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



11.9804, 0.3666, 0.2911



11.9804, 0.3583, 0.4263



11.9804, 0.2161, 0.2721

Complementary

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



11.9804, 0.3666, 0.2911



19.7598, 0.2788, 0.3710

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.



11.9804, 0.2259, 0.3158



11.9804, 0.3666, 0.2911



11.9804, 0.3059, 0.4133

Square

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



11.9804, 0.3666, 0.2911



11.9804, 0.4006, 0.4086



11.9804, 0.2578, 0.3700



11.9804, 0.2288, 0.2483

Rectangle

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



11.9804, 0.3666, 0.2911



11.9804, 0.4191, 0.3588



11.9804, 0.2578, 0.3700



11.9804, 0.2168, 0.2847

Sweetspot

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



11.9810, 0.3666, 0.2911



34.1435, 0.3260, 0.3175



11.2131, 0.2869, 0.2296



7.5540, 0.3273, 0.3164



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.



11.9810, 0.3666, 0.2911



18.3492, 0.3848, 0.2826



12.4288, 0.3986, 0.3391



4.7167, 0.3223, 0.3205



4.9888, 0.5339, 0.2715



0.0186, 0.4329, 0.2158

Inverse Universe

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



11.9810, 0.3666, 0.2911



18.3492, 0.3848, 0.2826



18.8984, 0.2598, 0.3185



4.7167, 0.3223, 0.3205



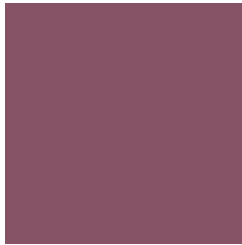
4.9888, 0.5339, 0.2715



0.0186, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 11.9804, 0.3666, 0.2911 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 11.9804, 0.3666, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

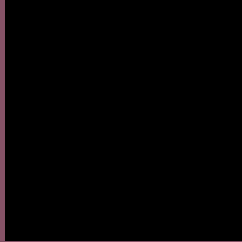
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9804, 0.3666, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 11.9804, 0.3666, 0.2911.



This preview shows how white text looks on a background with the Yxy color 11.9804, 0.3666, 0.2911.

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

11.9804, 0.3666, 0.2911

Protanopia

12.1300, 0.2911, 0.2977

Deuteranopia

12.1687, 0.3224, 0.3181



Tritanopia

11.9844, 0.3851, 0.3176

Trichromacy



Original Color

11.9804, 0.3666, 0.2911

Protanomaly

11.9882, 0.3159, 0.2949

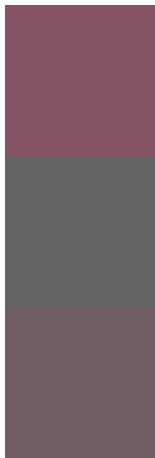
Deuteranomaly

11.9649, 0.3378, 0.3060

Tritanomaly

11.9002, 0.3786, 0.3079

Monochromacy



Original Color

11.9804, 0.3666, 0.2911

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.2130, 0.3307, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9804, 0.3666, 0.2911 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(133, 82, 102)` looks like.

```
.text, #text, p{  
    color:rgb(133, 82, 102)  
}
```

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(133, 82, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 82, 102) }
```

Border

The CSS property to change the border of an element to Yxy 11.9804, 0.3666, 0.2911 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(133, 82, 102) }
```

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

```
.border{ border-color:rgb(133, 82, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 82, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 82, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 82, 102);  
box-shadow:4px 4px 4px 4px rgb(133, 82,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9804, 0.3666, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 82, 102) }
```

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

```
.background{ background-color: rgb(133, 82,  
102) }
```

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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