

Converting Colors

$Y_{xy}(11.5524, 0.5864, 0.3717)$

Have a look what the booklet for
Yxy(11.5524, 0.5864, 0.3717)
contains.

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Color

Yxy(11.5864, 0.5863, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	AB3901
RGB	171, 57, 1
RGB Percent	67%, 22%, 0%
CMY	0.3293, 0.7765, 0.9961
CMYK	0.00, 0.67, 0.99, 0.33
HSL	20°, 99%, 34%
HSV	20°, 99%, 67%
XYZ	18.2659, 11.5864, 1.3023
YIQ	84.7020, 85.9200, 6.7520

Conversions

Conversions Part 2

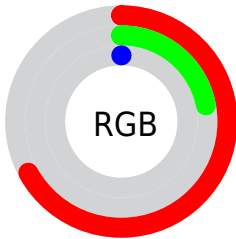
Format	Color
R_{YB}	171, 85, 1
Decimal	11221249
CIE _{Lab}	40.55, 44.78, 51.76
CIE _{LCh}	41, 68.448, 49.135
Yxy	11.5864, 0.5863, 0.3719
Android (android.graphics.Color)	4289411329 (0xFFAB3901)
YUV	84.7020, -41.2651, 75.6833
Hunter-Lab	34.0388, 36.2190, 21.5588

Details

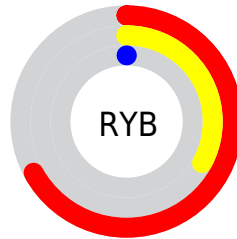
The Yxy color **11.5864, 0.5863, 0.3719** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.2146, 0.1943, 0.2190**, and the grayscale version is **9.0925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7055, 0.5286, 0.3785**, and **3.3150, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **11.5192, 0.5878, 0.3715**, and if you desaturate by 10%, it is **12.8937, 0.5596, 0.3797**.

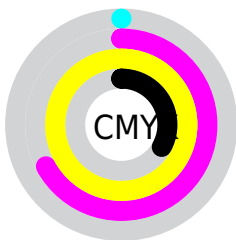
Distribution



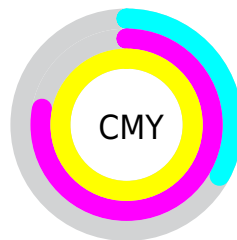
- Red (67%)
- Green (22%)
- Blue (0%)



- Red (67%)
- Yellow (33%)
- Blue (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (99%)
- Black (33%)




- Cyan (33%)
- Magenta (78%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5864, 0.5863, 0.3719 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 11.5864, 0.5863, 0.3719 by changing the saturation by 10% instead.


 11.5864, 0.5863,
0.3719


 11.5864, 0.5863,
0.3719


 201.6476, 0.4300,
0.3684


 6.4627, 0.6327,
0.3637


 28.7395, 0.5280,
0.3792


 3.1284, 0.6681,
0.3319

 41.5378, 0.5061,
0.3790

 1.1991, 0.7191,
0.2809

 57.6630, 0.4878,
0.3777

 0.0610, 0.9513,
0.0487

 77.4996, 0.4724,
0.3760


 0.0000, 1.0000,
0.0000

 101.4320, 0.4593,
0.3740

 0.0000, 0.0000,
0.0000


 129.8445, 0.4481,

0.3721


 163.1216, 0.4384,
0.3702


 11.5864, 0.5863,
0.3719


 11.5864, 0.5863,
0.3719

 11.5192, 0.5878,
0.3715

 12.8937, 0.5596,
0.3797

 14.5091, 0.5278,
0.3835

 16.4608, 0.4930,
0.3828

 18.7686, 0.4580,
0.3783

 21.4506, 0.4251,
0.3714

■ 24.5236, 0.3954,
0.3630

■ 28.0031, 0.3695,
0.3541

■ 31.9039, 0.3471,
0.3452

■ 36.2399, 0.3280,
0.3366

Harmonies

Analogous

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



11.5864, 0.5626, 0.2922



11.5864, 0.5863, 0.3719



11.5864, 0.5219, 0.4704

Triad

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



11.5864, 0.5863, 0.3719



11.5864, 0.1742, 0.4826



11.5864, 0.1708, 0.1380

Complementary

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



11.5864, 0.5863, 0.3719



15.2146, 0.1943, 0.2190

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.



11.5864, 0.1144, 0.1417



11.5864, 0.5863, 0.3719



11.5864, 0.1107, 0.2938

Square

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



11.5864, 0.5863, 0.3719



11.5864, 0.2838, 0.6110



11.5864, 0.0953, 0.1844



11.5864, 0.2787, 0.1645

Rectangle

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



11.5864, 0.5863, 0.3719



11.5864, 0.4498, 0.5426



11.5864, 0.0953, 0.1844



11.5864, 0.1470, 0.1357

Sweetspot

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



11.5871, 0.5863, 0.3719



49.4109, 0.3722, 0.3551



9.9700, 0.4195, 0.2088



10.4376, 0.3825, 0.3588



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



11.5871, 0.5863, 0.3719



20.2789, 0.5908, 0.3691



27.3732, 0.4552, 0.4763



8.4301, 0.3278, 0.3365



8.7694, 0.5860, 0.3729



0.3456, 0.5272, 0.4196

Inverse Universe

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



15.2146, 0.1943, 0.2190



26.6944, 0.1934, 0.2162



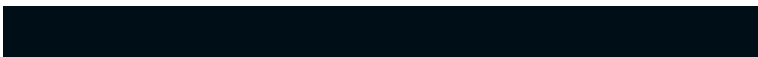
3.9894, 0.1553, 0.0786



8.6208, 0.2986, 0.3214



11.5052, 0.1943, 0.2195



0.4145, 0.2046, 0.2566

Previews

White Background



This preview shows how the Yxy color 11.5864, 0.5863, 0.3719 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 11.5864, 0.5863, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

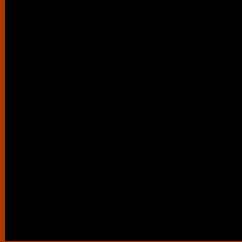
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5864, 0.5863, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 11.5864, 0.5863, 0.3719.



This preview shows how white text looks on a background with the Yxy color 11.5864, 0.5863, 0.3719.

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

11.5864, 0.5863, 0.3719

Protanopia

11.8443, 0.4306, 0.4770

Deuteranopia

11.7919, 0.4686, 0.4661



Tritanopia

11.6024, 0.5340, 0.3261

Trichromacy



Original Color

11.5864, 0.5863, 0.3719

Protanomaly

10.9667, 0.4967, 0.4323

Deuteranomaly

11.1674, 0.5192, 0.4260

Tritanomaly

11.5364, 0.5635, 0.3485

Monochromacy



Original Color

11.5864, 0.5863, 0.3719

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0115, 0.4313, 0.3743

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5864, 0.5863, 0.3719 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(171, 57, 1)` looks like.

```
.text, #text, p{  
    color:rgb(171, 57, 1)  
}
```

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(171, 57, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 57, 1) }
```

Border

The CSS property to change the border of an element to Yxy 11.5864, 0.5863, 0.3719 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(171, 57, 1) }
```

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

```
.border{ border-color:rgb(171, 57, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 57, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 57, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 57, 1);  
box-shadow:4px 4px 4px 4px rgb(171, 57, 1)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5864, 0.5863, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 57, 1) }
```

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

```
.background{ background-color: rgb(171, 57,  
1) }
```

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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