

Converting Colors

$Y_{xy}(19.1792, 0.3568, 0.2588)$

Have a look what the booklet for
Yxy(19.1792, 0.3568, 0.2588)
contains.

Yxy(19.0518, 0.3570, 0.2588)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.0518, 0.3570, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	AD5F8F
RGB	173, 95, 143
RGB Percent	68%, 37%, 56%
CMY	0.3216, 0.6274, 0.4392
CMYK	0.00, 0.45, 0.17, 0.32
HSL	323°, 32%, 53%
HSV	323°, 45%, 68%
XYZ	26.2809, 19.0518, 28.2832
YIQ	123.7940, 31.0800, 31.4640

Conversions

Conversions Part 2

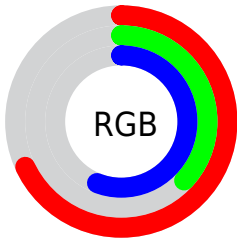
Format	Color
R_{YB}	173, 95, 143
Decimal	11362191
CIE _{Lab}	50.75, 38.03, -12.53
CIE _{LCh}	51, 40.044, 341.768
Yxy	19.0518, 0.3570, 0.2588
Android (android.graphics.Color)	4289552271 (0xFFAD5F8F)
YUV	123.7940, 9.4686, 43.1537
Hunter-Lab	43.6484, 31.0910, -7.8648

Details

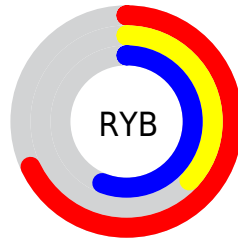
The Yxy color **19.0518, 0.3570, 0.2588** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.7932, 0.2854, 0.4129**, and the grayscale version is **20.0452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7216, 0.3475, 0.2728**, and **6.5890, 0.3733, 0.2338** is the 20% darker color. If you saturate the color by 10%, you get **16.0786, 0.3713, 0.2446**, and if you desaturate by 10%, it is **22.7307, 0.3444, 0.2743**.

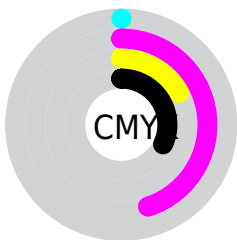
Distribution



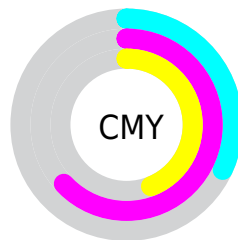
- Red (68%)
- Green (37%)
- Blue (56%)



- Red (68%)
- Yellow (37%)
- Blue (56%)



- Cyan (0%)
- Magenta (45%)
- Yellow (17%)
- Black (32%)





- Cyan (32%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0518, 0.3570, 0.2588 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 19.0518, 0.3570, 0.2588 by changing the saturation by 10% instead.


 19.0518, 0.3570,
0.2588


 19.0518, 0.3570,
0.2588


246.7346, 0.3326,
0.2969


 11.7077, 0.3639,
0.2482


 41.8216, 0.3476,
0.2734


 6.5450, 0.3734,
0.2339


 58.0161, 0.3442,
0.2787

 3.1792, 0.3870,
0.2135

 77.9296, 0.3414,
0.2831

 1.2260, 0.4083,
0.1827

 101.9463, 0.3391,
0.2867

 0.0828, 0.4926,
0.0400

130.4508, 0.3371,
0.2898

 0.0000, 0.0000,
0.0000

163.8274, 0.3354,

0.2925

202.4606, 0.3339,
0.2949

■ 19.0518, 0.3570,
0.2588

■ 19.0518, 0.3570,
0.2588

■ 16.0786, 0.3713,
0.2446

■ 22.7307, 0.3444,
0.2743

■ 13.7618, 0.3870,
0.2328

■ 27.1549, 0.3334,
0.2903

■ 12.0502, 0.4039,
0.2245


■ 32.3641, 0.3241,
0.3062


■ 10.8836, 0.4212,
0.2207


■ 38.3947, 0.3162,
0.3215

■ 10.1877, 0.4384,
0.2219

■ 45.2804, 0.3096,
0.3360

 9.9327, 0.4469,
0.2236

 53.0533, 0.3041,
0.3496

 61.7439, 0.2995,
0.3622

 71.3809, 0.2956,
0.3737

 81.9921, 0.2925,
0.3843

Harmonies

Analogous

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



19.0518, 0.2808, 0.2265



19.0518, 0.3570, 0.2588



19.0518, 0.4267, 0.3061

Triad

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



19.0518, 0.3570, 0.2588



19.0518, 0.3992, 0.4579



19.0518, 0.1839, 0.2689

Complementary

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



19.0518, 0.3570, 0.2588



33.7932, 0.2854, 0.4129

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.



19.0518, 0.2076, 0.3390



19.0518, 0.3570, 0.2588



19.0518, 0.3299, 0.4647

Square

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



19.0518, 0.3570, 0.2588



19.0518, 0.4488, 0.4155



19.0518, 0.2597, 0.4181



19.0518, 0.1892, 0.2275

Rectangle

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



19.0518, 0.3570, 0.2588



19.0518, 0.4548, 0.3421



19.0518, 0.2597, 0.4181



19.0518, 0.1885, 0.2894

Sweetspot

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



19.0527, 0.3570, 0.2588



58.8140, 0.3234, 0.3075



15.5562, 0.2604, 0.2018



12.3259, 0.3252, 0.3042



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.



19.0527, 0.3570, 0.2588



28.8636, 0.3711, 0.2448



18.0709, 0.4161, 0.3156



8.0951, 0.3194, 0.3151



7.3104, 0.4452, 0.2226



0.2136, 0.3987, 0.1970

Inverse Universe

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



19.0527, 0.3570, 0.2588



28.8636, 0.3711, 0.2448



34.9891, 0.2589, 0.3438



8.0951, 0.3194, 0.3151



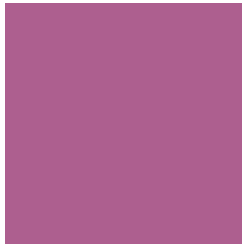
7.3104, 0.4452, 0.2226



0.2136, 0.3987, 0.1970

Previews

White Background



This preview shows how the Yxy color 19.0518, 0.3570, 0.2588 looks on a white background.

Color Contrast Check

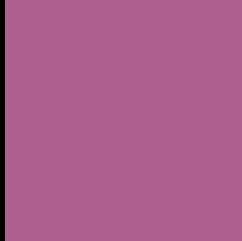
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.0518, 0.3570, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

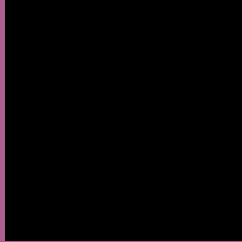
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0518, 0.3570, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 19.0518, 0.3570, 0.2588.



This preview shows how white text looks on a background with the Yxy color 19.0518, 0.3570, 0.2588.

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

19.0518, 0.3570, 0.2588

Protanopia

19.2860, 0.2608, 0.2581

Deuteranopia

19.1809, 0.2975, 0.2912



Tritanopia

19.0419, 0.3992, 0.3184

Trichromacy



Original Color

19.0518, 0.3570, 0.2588

Protanomaly

18.6885, 0.2905, 0.2562

Deuteranomaly

18.7961, 0.3177, 0.2782

Tritanomaly

18.8502, 0.3840, 0.2956

Monochromacy



Original Color

19.0518, 0.3570, 0.2588

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.1997, 0.3284, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0518, 0.3570, 0.2588 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(173, 95, 143)` looks like.

```
.text, #text, p{  
    color:rgb(173, 95, 143)  
}
```

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(173, 95, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 95, 143) }
```

Border

The CSS property to change the border of an element to Yxy 19.0518, 0.3570, 0.2588 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(173, 95, 143) }
```

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

```
.border{ border-color:rgb(173, 95, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 95, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 95, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 95, 143);  
box-shadow:4px 4px 4px 4px rgb(173, 95,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0518, 0.3570, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 95, 143) }
```

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

```
.background{ background-color: rgb(173, 95,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor