

Converting Colors

$Y_{xy}(19.1463, 0.3593, 0.2345)$

Have a look what the booklet for
Yxy(19.1463, 0.3593, 0.2345)
contains.

Yxy(19.1463, 0.3593, 0.2345)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.1463, 0.3593, 0.2345)

Conversions

Conversions Part 1

Format	Color
Hex	BA549B
RGB	186, 84, 155
RGB Percent	73%, 33%, 61%
CMY	0.2706, 0.6706, 0.3921
CMYK	0.00, 0.55, 0.17, 0.27
HSL	318°, 42%, 53%
HSV	318°, 55%, 73%
XYZ	29.3359, 19.1463, 33.1651
YIQ	122.5920, 38.0010, 43.7050

Conversions

Conversions Part 2

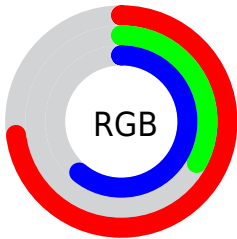
Format	Color
R _Y B	186, 84, 155
Decimal	12211355
CIE Lab	50.86, 49.72, -19.29
CIE LCh	51, 53.333, 338.791
Yxy	19.1463, 0.3593, 0.2345
Android (android.graphics.Color)	4290401435 (0xFFBA549B)
YUV	122.5920, 15.9771, 55.6088
Hunter-Lab	43.7565, 43.0988, -14.3092

Details

The Yxy color **19.1463, 0.3593, 0.2345** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **38.2377, 0.2864, 0.4506**, and the grayscale version is **19.6044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0632, 0.3493, 0.2532**, and **6.5758, 0.3738, 0.2028** is the 20% darker color. If you saturate the color by 10%, you get **16.4475, 0.3713, 0.2212**, and if you desaturate by 10%, it is **22.6223, 0.3482, 0.2504**.

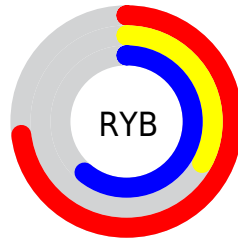
Distribution



Red (73%)

Green (33%)

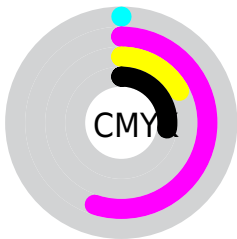
Blue (61%)



Red (73%)

Yellow (33%)

Blue (61%)

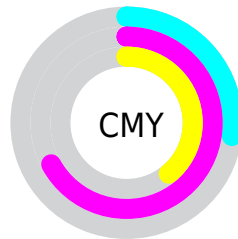


Cyan (0%)

Magenta (55%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (67%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1463, 0.3593, 0.2345 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 19.1463, 0.3593, 0.2345 by changing the saturation by 10% instead.


 19.1463, 0.3593,
0.2345


 19.1463, 0.3593,
0.2345


247.2552, 0.3346,
0.2845


 11.7760, 0.3659,
0.2212


 41.9812, 0.3500,
0.2533

 6.5914, 0.3747,
0.2037


 58.2146, 0.3466,
0.2602


 3.2079, 0.3867,
0.1797


 78.1711, 0.3437,
0.2659

 1.2412, 0.4040,
0.1455

 102.2352, 0.3413,
0.2708

 0.0950, 0.4603,
0.0314

 130.7913, 0.3393,
0.2749

 0.0000, 0.5049,
0.0000

164.2237, 0.3375,

 0.0000, 0.0000,

0.2786

0.0000

202.9169, 0.3359,
0.2817

■ 19.1463, 0.3593,
0.2345

■ 19.1463, 0.3593,
0.2345

■ 16.4475, 0.3713,
0.2212

■ 22.6223, 0.3482,
0.2504

■ 14.4610, 0.3840,
0.2114

■ 26.9281, 0.3383,
0.2677

■ 13.1156, 0.3969,
0.2061

■ 32.1151, 0.3295,
0.2857

■ 12.3242, 0.4095,
0.2056

■ 38.2295, 0.3219,
0.3036

■ 12.0364, 0.4161,
0.2066

■ 45.3145, 0.3155,
0.3209

■ 53.4103, 0.3100,
0.3374

■ 62.5550, 0.3054,
0.3528

■ 72.7848, 0.3016,
0.3672

■ 84.1339, 0.2984,
0.3804

Harmonies

Analogous

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



19.1463, 0.2609, 0.1975



19.1463, 0.3593, 0.2345



19.1463, 0.4564, 0.2901

Triad

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



19.1463, 0.3593, 0.2345



19.1463, 0.4262, 0.4887



19.1463, 0.1515, 0.2543

Complementary

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



19.1463, 0.3593, 0.2345



38.2377, 0.2864, 0.4506

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.



19.1463, 0.1816, 0.3503



19.1463, 0.3593, 0.2345



19.1463, 0.3383, 0.5151

Square

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



19.1463, 0.3593, 0.2345



19.1463, 0.4903, 0.4247



19.1463, 0.2485, 0.4615



19.1463, 0.1555, 0.2014

Rectangle

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



19.1463, 0.3593, 0.2345



19.1463, 0.4968, 0.3330



19.1463, 0.2485, 0.4615



19.1463, 0.1575, 0.2817

Sweetspot

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



19.1472, 0.3593, 0.2345



67.6051, 0.3230, 0.3010



13.5049, 0.2363, 0.1675



14.3634, 0.3245, 0.2974



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



19.1472, 0.3593, 0.2345



28.8920, 0.3742, 0.2186



17.7880, 0.4397, 0.3015



9.1150, 0.3183, 0.3132



8.1122, 0.4145, 0.2057



0.2964, 0.3851, 0.1895

Inverse Universe

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



19.1472, 0.3593, 0.2345



28.8920, 0.3742, 0.2186



39.7385, 0.2554, 0.3617



9.1150, 0.3183, 0.3132



8.1122, 0.4145, 0.2057



0.2964, 0.3851, 0.1895

Previews

White Background



This preview shows how the Yxy color 19.1463, 0.3593, 0.2345 looks on a white background.

Color Contrast Check

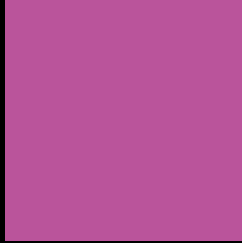
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1463, 0.3593, 0.2345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

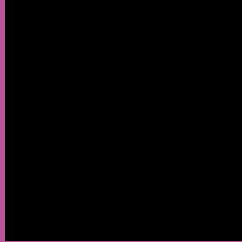
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1463, 0.3593, 0.2345

Background



This preview shows how black text looks on a background with the Yxy color 19.1463, 0.3593, 0.2345.



This preview shows how white text looks on a background with the Yxy color 19.1463, 0.3593, 0.2345.

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

19.1463, 0.3593, 0.2345

Protanopia

19.5197, 0.2350, 0.2247

Deuteranopia

19.3566, 0.2814, 0.2755



Tritanopia

19.1688, 0.4279, 0.3193

Trichromacy



Original Color

19.1463, 0.3593, 0.2345

Protanomaly

18.3192, 0.2698, 0.2240

Deuteranomaly

18.4717, 0.3073, 0.2552

Tritanomaly

19.1267, 0.4029, 0.2868

Monochromacy



Original Color

19.1463, 0.3593, 0.2345

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.7975, 0.3292, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1463, 0.3593, 0.2345 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(186, 84, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 84, 155)  
}
```

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(186, 84, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 84, 155) }
```

Border

The CSS property to change the border of an element to Yxy 19.1463, 0.3593, 0.2345 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(186, 84, 155) }
```

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

```
.border{ border-color:rgb(186, 84, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 84, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 84, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 84, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 84,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1463, 0.3593, 0.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 84, 155) }
```

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

```
.background{ background-color: rgb(186, 84,  
155) }
```

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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