

Converting Colors

$Y_{xy}(15.9409, 0.3969, 0.2393)$

Have a look what the booklet for
Yxy(15.9409, 0.3969, 0.2393)
contains.

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Color

Yxy(15.9409, 0.3969, 0.2393)

Conversions

Conversions Part 1

Format	Color
Hex	BA4186
RGB	186, 65, 134
RGB Percent	73%, 25%, 53%
CMY	0.2707, 0.7450, 0.4745
CMYK	0.00, 0.65, 0.28, 0.27
HSL	326°, 48%, 49%
HSV	326°, 65%, 73%
XYZ	26.4394, 15.9409, 24.2344
YIQ	109.0450, 49.9670, 47.1110

Conversions

Conversions Part 2

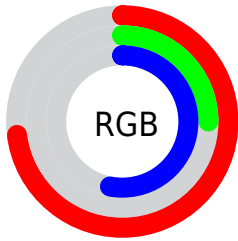
Format	Color
R_{YB}	186, 65, 134
Decimal	12206470
CIE _{Lab}	46.90, 55.29, -12.76
CIE _{LCh}	47, 56.740, 347.001
Yxy	15.9409, 0.3969, 0.2393
Android (android.graphics.Color)	4290396550 (0xFFBA4186)
YUV	109.0450, 12.3028, 67.4895
Hunter-Lab	39.9261, 48.3336, -8.0398

Details

The Yxy color **15.9409, 0.3969, 0.2393** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **37.5200, 0.2754, 0.4502**, and the grayscale version is **15.2629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4333, 0.3783, 0.2584**, and **5.3072, 0.4294, 0.2139** is the 20% darker color. If you saturate the color by 10%, you get **13.9309, 0.4164, 0.2320**, and if you desaturate by 10%, it is **18.6723, 0.3787, 0.2502**.

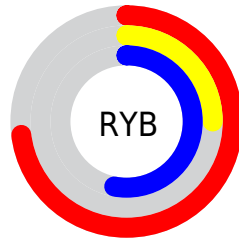
Distribution



Red (73%)

Green (25%)

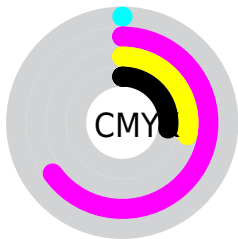
Blue (53%)



Red (73%)

Yellow (25%)

Blue (53%)

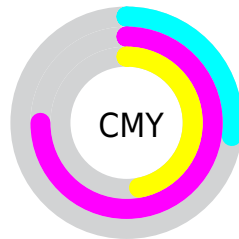


Cyan (0%)

Magenta (65%)

Yellow (28%)

Black (27%)



Cyan (27%)


Magenta (75%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9409, 0.3969, 0.2393 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 15.9409, 0.3969, 0.2393 by changing the saturation by 10% instead.


 15.9409, 0.3969,
0.2393


 15.9409, 0.3969,
0.2393


228.9927, 0.3493,
0.2886


 9.4823, 0.4110,
0.2254


 36.4956, 0.3781,
0.2583


 5.0571, 0.4306,
0.2067


 51.3605, 0.3715,
0.2652

 2.2808, 0.4595,
0.1801

 69.7963, 0.3661,
0.2708

 0.7635, 0.5066,
0.1393

 92.1874, 0.3616,
0.2755

 0.0000, 0.6667,
0.0000

 118.9182, 0.3578,
0.2795

 0.0000, 0.0000,
0.0000

150.3731, 0.3546,

0.2830

186.9365, 0.3517,
0.2860

■ 15.9409, 0.3969,
0.2393

■ 15.9409, 0.3969,
0.2393

■ 13.9309, 0.4164,
0.2320

■ 18.6723, 0.3787,
0.2502

■ 12.5675, 0.4366,
0.2293

■ 22.1852, 0.3624,
0.2634

■ 11.7633, 0.4566,
0.2319

■ 26.5364, 0.3481,
0.2779

■ 11.4784, 0.4664,
0.2343

■ 31.7763, 0.3358,
0.2929

■ 37.9517, 0.3253,
0.3078

■ 45.1059, 0.3166,
0.3221

■ 53.2795, 0.3093,
0.3356

■ 62.5107, 0.3032,
0.3482

■ 72.8358, 0.2982,
0.3598

Harmonies

Analogous

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



15.9409, 0.2815, 0.1932



15.9409, 0.3969, 0.2393



15.9409, 0.4972, 0.3026

Triad

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



15.9409, 0.3969, 0.2393



15.9409, 0.4091, 0.5202



15.9409, 0.1338, 0.2234

Complementary

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



15.9409, 0.3969, 0.2393



37.5200, 0.2754, 0.4502

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.



15.9409, 0.1541, 0.3169



15.9409, 0.3969, 0.2393



15.9409, 0.3093, 0.5356

Square

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



15.9409, 0.3969, 0.2393



15.9409, 0.4916, 0.4506



15.9409, 0.2153, 0.4490



15.9409, 0.1477, 0.1795

Rectangle

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



15.9409, 0.3969, 0.2393



15.9409, 0.5281, 0.3495



15.9409, 0.2153, 0.4490



15.9409, 0.1364, 0.2485

Sweetspot

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



15.9417, 0.3969, 0.2393



62.6592, 0.3306, 0.3000



11.0020, 0.2337, 0.1438



13.1206, 0.3337, 0.2958



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.



15.9417, 0.3969, 0.2393



24.0690, 0.4250, 0.2303



14.7302, 0.5043, 0.3173



9.0957, 0.3201, 0.3160



7.7392, 0.4640, 0.2330



0.2850, 0.4177, 0.2075

Inverse Universe

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



15.9417, 0.3969, 0.2393



24.0690, 0.4250, 0.2303



39.3660, 0.2416, 0.3450



9.0957, 0.3201, 0.3160



7.7392, 0.4640, 0.2330



0.2850, 0.4177, 0.2075

Previews

White Background



This preview shows how the Yxy color 15.9409, 0.3969, 0.2393 looks on a white background.

Color Contrast Check

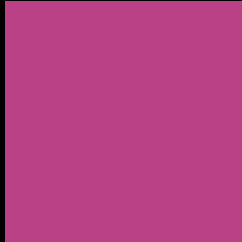
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9409, 0.3969, 0.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

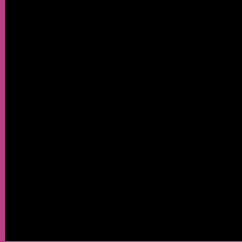
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9409, 0.3969, 0.2393

Background



This preview shows how black text looks on a background with the Yxy color 15.9409, 0.3969, 0.2393.



This preview shows how white text looks on a background with the Yxy color 15.9409, 0.3969, 0.2393.

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

15.9409, 0.3969, 0.2393

Protanopia

16.2322, 0.2373, 0.2270

Deuteranopia

16.1406, 0.2975, 0.2922



Tritanopia

16.0184, 0.4751, 0.3228

Trichromacy



Original Color

15.9409, 0.3969, 0.2393

Protanomaly

14.8505, 0.2821, 0.2254

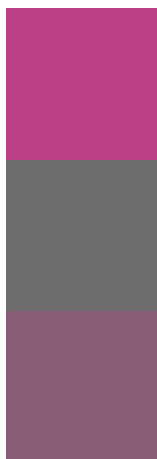
Deuteranomaly

15.1031, 0.3317, 0.2647

Tritanomaly

15.7917, 0.4465, 0.2901

Monochromacy



Original Color

15.9409, 0.3969, 0.2393

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.4551, 0.3434, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9409, 0.3969, 0.2393 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, 65, 134)` looks like.

```
.text, #text, p{  
    color:rgb(186, 65, 134)  
}
```

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, 65, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 65, 134) }
```

Border

The CSS property to change the border of an element to Yxy 15.9409, 0.3969, 0.2393 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, 65, 134) }
```

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

```
.border{ border-color:rgb(186, 65, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 65, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 65, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 65, 134);  
box-shadow:4px 4px 4px 4px rgb(186, 65,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9409, 0.3969, 0.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 65, 134) }
```

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

```
.background{ background-color: rgb(186, 65,  
134) }
```

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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