

Converting Colors

$Yxy(14.1134, 0.3117, 0.1491)$

Have a look what the booklet for
Yxy(14.1134, 0.3117, 0.1491)
contains.

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Color

Yxy(14.1201, 0.3118, 0.1491)

Conversions

Conversions Part 1

Format	Color
Hex	B900C0
RGB	185, 0, 192
RGB Percent	73%, 0%, 75%
CMY	0.2744, 1.0000, 0.2470
CMYK	0.04, 1.00, 0.00, 0.25
HSL	298°, 100%, 38%
HSV	298°, 100%, 75%
XYZ	29.5282, 14.1201, 51.0540
YIQ	77.2030, 48.6280, 98.9320

Conversions

Conversions Part 2

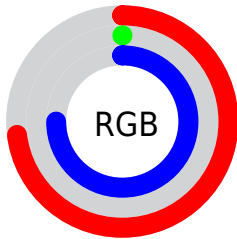
Format	Color
RYB	185, 0, 192
Decimal	12124352
CIELab	44.40, 78.27, -51.23
CIElCh	44, 93.548, 326.795
Yxy	14.1201, 0.3118, 0.1491
Android (android.graphics.Color)	4290314432 (0xFFB900C0)
YUV	77.2030, 56.5949, 94.5380
Hunter-Lab	37.5767, 74.5078, -54.2512

Details

The Yxy color **14.1201, 0.3118, 0.1491** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **37.7565, 0.3007, 0.5994**, and the grayscale version is **7.3491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2315, 0.3158, 0.1802**, and **6.3470, 0.3014, 0.1434** is the 20% darker color. If you saturate the color by 10%, you get **14.1240, 0.3118, 0.1491**, and if you desaturate by 10%, it is **14.6840, 0.3126, 0.1533**.

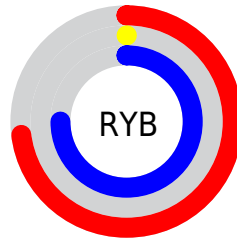
Distribution



Red (73%)

Green (0%)

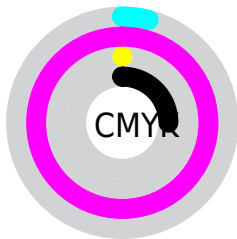
Blue (75%)



Red (73%)

Yellow (0%)

Blue (75%)

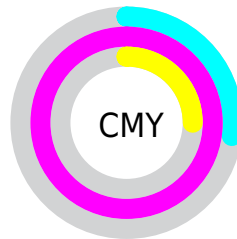


Cyan (4%)

Magenta (100%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (100%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1201, 0.3118, 0.1491 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 14.1201, 0.3118, 0.1491 by changing the saturation by 10% instead.


 14.1201, 0.3118,
0.1491


 14.1201, 0.3118,
0.1491

217.9767, 0.3180,
0.2376


 8.2042, 0.3081,
0.1288


 33.3020, 0.3156,
0.1802


 4.2259, 0.3020,
0.1043


 47.3368, 0.3165,
0.1923


 1.8007, 0.2914,
0.0752


 64.8467, 0.3171,
0.2026


 0.4876, 0.2737,
0.0382

 86.2161, 0.3175,
0.2116

 0.0000, 0.2396,
0.0000

 111.8294, 0.3178,
0.2194

 0.0000, 0.1240,
0.0000

 142.0710, 0.3179,

 0.0000, 0.0000,

0.2262

0.0000

177.3253, 0.3180,
0.2322

■ 14.1201, 0.3118,
0.1491

■ 14.1201, 0.3118,
0.1491

■ 14.1240, 0.3118,
0.1491

■ 14.6840, 0.3126,
0.1533

■ 15.7115, 0.3133,
0.1610

■ 17.3741, 0.3138,
0.1729

■ 19.7574, 0.3142,
0.1889

■ 22.9333, 0.3143,
0.2085

■ 26.9655, 0.3142,
0.2308

■ 31.9108, 0.3140,
0.2549

■ 37.8215, 0.3137,
0.2798

■ 44.7457, 0.3132,
0.3047

Harmonies

Analogous

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



14.1201, 0.1683, 0.1129



14.1201, 0.3118, 0.1491



14.1201, 0.5132, 0.2153

Triad

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



14.1201, 0.3118, 0.1491



14.1201, 0.5022, 0.4978



14.1201, 0.0690, 0.2316

Complementary

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



14.1201, 0.3118, 0.1491



37.7565, 0.3007, 0.5994

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.



14.1201, 0.1148, 0.4580



14.1201, 0.3118, 0.1491



14.1201, 0.3587, 0.6413

Square

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



14.1201, 0.3118, 0.1491



14.1201, 0.6197, 0.3803



14.1201, 0.2215, 0.6812



14.1201, 0.0671, 0.1362

Rectangle

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



14.1201, 0.3118, 0.1491



14.1201, 0.6154, 0.2667



14.1201, 0.2215, 0.6812



14.1201, 0.0779, 0.2904

Sweetspot

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



14.1240, 0.3118, 0.1491



57.3328, 0.3140, 0.2537



4.0154, 0.1508, 0.0629



11.4458, 0.3142, 0.2433



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



14.1240, 0.3118, 0.1491



25.5586, 0.3117, 0.1490



12.2426, 0.4753, 0.2392



10.2282, 0.3132, 0.3063



9.5086, 0.3119, 0.1492



0.4168, 0.3141, 0.1504

Inverse Universe

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



11.2254, 0.6364, 0.3280



20.3255, 0.6374, 0.3285



38.3898, 0.2771, 0.5177



10.0837, 0.3283, 0.3282



7.5536, 0.6355, 0.3275



0.3285, 0.6191, 0.3184

Previews

White Background



This preview shows how the Yxy color 14.1201, 0.3118, 0.1491 looks on a white background.

Color Contrast Check

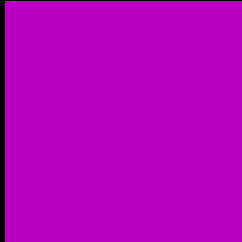
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1201, 0.3118, 0.1491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

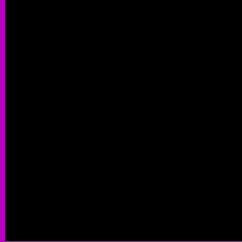
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1201, 0.3118, 0.1491

Background



This preview shows how black text looks on a background with the Yxy color 14.1201, 0.3118, 0.1491.



This preview shows how white text looks on a background with the Yxy color 14.1201, 0.3118, 0.1491.

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

14.1201, 0.3118, 0.1491

Protanopia

14.8150, 0.1739, 0.1461

Deuteranopia

14.9021, 0.2017, 0.1960



Tritanopia

14.3820, 0.4701, 0.3223

Trichromacy



Original Color

14.1201, 0.3118, 0.1491



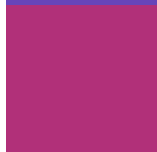
Protanomaly

9.6932, 0.1816, 0.1116



Deuteranomaly

10.6426, 0.2221, 0.1434



Tritanomaly

12.8415, 0.4127, 0.2341

Monochromacy



Original Color

14.1201, 0.3118, 0.1491



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2415, 0.3134, 0.1951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1201, 0.3118, 0.1491 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(185, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(185, 0, 192)  
}
```

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(185, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 0, 192) }
```

Border

The CSS property to change the border of an element to Yxy 14.1201, 0.3118, 0.1491 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(185, 0, 192) }
```

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

```
.border{ border-color:rgb(185, 0, 192) }
```

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

Here you see how a box with a 4 pixel rgb(185, 0, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(185, 0,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1201, 0.3118, 0.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 0, 192) }
```

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

```
.background{ background-color: rgb(185, 0,  
192) }
```

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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