

Converting Colors

$Yxy(14.0985, 0.3031, 0.1443)$

Have a look what the booklet for
Yxy(14.0985, 0.3031, 0.1443)
contains.

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Color

Yxy(14.0985, 0.3031, 0.1443)

Conversions

Conversions Part 1

Format	Color
Hex	B700C5
RGB	183, 0, 197
RGB Percent	72%, 0%, 77%
CMY	0.2822, 1.0000, 0.2274
CMYK	0.07, 1.00, 0.00, 0.23
HSL	296°, 100%, 39%
HSV	296°, 100%, 77%
XYZ	29.6137, 14.0985, 53.9905
YIQ	77.1750, 45.8310, 100.0630

Conversions

Conversions Part 2

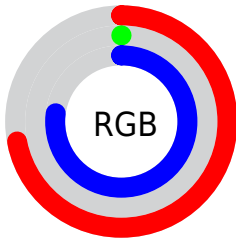
Format	Color
RYB	183, 0, 197
Decimal	11993285
CIELab	44.37, 78.73, -54.21
CIELCh	44, 95.589, 325.452
Yxy	14.0985, 0.3031, 0.1443
Android (android.graphics.Color)	4290183365 (0xFFB700C5)
YUV	77.1750, 59.0737, 92.8085
Hunter-Lab	37.5480, 75.0721, -58.9700

Details

The Yxy color **14.0985, 0.3031, 0.1443** 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 **40.0309, 0.3014, 0.5989**, and the grayscale version is **7.3399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1899, 0.3093, 0.1760**, and **6.3130, 0.2915, 0.1380** is the 20% darker color. If you saturate the color by 10%, you get **14.1035, 0.3031, 0.1443**, and if you desaturate by 10%, it is **14.7656, 0.3049, 0.1491**.

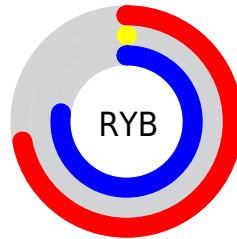
Distribution



Red (72%)

Green (0%)

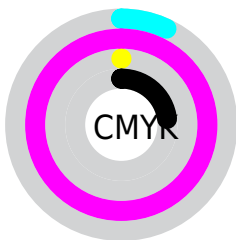
Blue (77%)



Red (72%)

Yellow (0%)

Blue (77%)

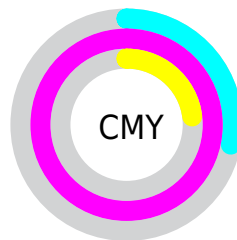


Cyan (7%)

Magenta (100%)

Yellow (0%)

Black (23%)



Cyan (28%)


Magenta (100%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0985, 0.3031, 0.1443 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 14.0985, 0.3031, 0.1443 by changing the saturation by 10% instead.


 14.0985, 0.3031,
0.1443


 14.0985, 0.3031,
0.1443


217.8427, 0.3143,
0.2345


 8.1892, 0.2980,
0.1239


 33.2637, 0.3089,
0.1758


 4.2163, 0.2901,
0.0996


 47.2884, 0.3105,
0.1881

 1.7953, 0.2772,
0.0710


 64.7870, 0.3117,
0.1986

 0.4842, 0.2564,
0.0353

 86.1439, 0.3126,
0.2077

 0.0000, 0.2190,
0.0000

 111.7436, 0.3132,
0.2157

 0.0000, 0.1101,
0.0000

 141.9703, 0.3137,

 0.0000, 0.0000,

0.2227

0.0000

177.2086, 0.3140,
0.2289

■ 14.0985, 0.3031,
0.1443

■ 14.0985, 0.3031,
0.1443

■ 14.1035, 0.3031,
0.1443

■ 14.7656, 0.3049,
0.1491

■ 15.9274, 0.3065,
0.1573

■ 17.7640, 0.3080,
0.1700

■ 20.3667, 0.3094,
0.1867

■ 23.8123, 0.3105,
0.2069

■ 28.1685, 0.3114,
0.2298

■ 33.4960, 0.3120,
0.2543

■ 39.8504, 0.3124,
0.2795

■ 47.2829, 0.3127,
0.3046

Harmonies

Analogous

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



14.0985, 0.1614, 0.1094



14.0985, 0.3031, 0.1443



14.0985, 0.5083, 0.2097

Triad

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



14.0985, 0.3031, 0.1443



14.0985, 0.5088, 0.4912



14.0985, 0.0670, 0.2360

Complementary

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



14.0985, 0.3031, 0.1443



40.0309, 0.3014, 0.5989

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.



14.0985, 0.1147, 0.4740



14.0985, 0.3031, 0.1443



14.0985, 0.3621, 0.6379

Square

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



14.0985, 0.3031, 0.1443



14.0985, 0.6264, 0.3736



14.0985, 0.2236, 0.6933



14.0985, 0.0640, 0.1357

Rectangle

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



14.0985, 0.3031, 0.1443



14.0985, 0.6163, 0.2612



14.0985, 0.2236, 0.6933



14.0985, 0.0763, 0.2980

Sweetspot

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



14.1035, 0.3031, 0.1443



59.5054, 0.3120, 0.2531



4.4148, 0.1514, 0.0651



11.8231, 0.3117, 0.2425



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



14.1035, 0.3031, 0.1443



25.2093, 0.3028, 0.1442



13.1079, 0.4617, 0.2317



10.7769, 0.3127, 0.3062



9.2906, 0.3033, 0.1445



0.4517, 0.3072, 0.1466

Inverse Universe

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



11.9035, 0.6330, 0.3261



21.3040, 0.6346, 0.3269



40.5483, 0.2801, 0.5284



10.6489, 0.3279, 0.3274



7.8332, 0.6314, 0.3252



0.3752, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 14.0985, 0.3031, 0.1443 looks on a white background.

Color Contrast Check

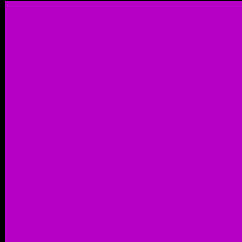
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0985, 0.3031, 0.1443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

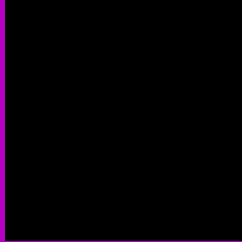
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0985, 0.3031, 0.1443

Background



This preview shows how black text looks on a background with the Yxy color 14.0985, 0.3031, 0.1443.



This preview shows how white text looks on a background with the Yxy color 14.0985, 0.3031, 0.1443.

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

14.0985, 0.3031, 0.1443

Protanopia

14.7625, 0.1741, 0.1469

Deuteranopia

14.7858, 0.1950, 0.1897



Tritanopia

14.3673, 0.4591, 0.3206

Trichromacy



Original Color

14.0985, 0.3031, 0.1443



Protanomaly

9.7429, 0.1813, 0.1112



Deuteranomaly

10.3633, 0.2118, 0.1369



Tritanomaly

12.6505, 0.4021, 0.2292

Monochromacy



Original Color

14.0985, 0.3031, 0.1443



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2901, 0.3099, 0.1923

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0985, 0.3031, 0.1443 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(183, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 0, 197)  
}
```

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(183, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 0, 197) }
```

Border

The CSS property to change the border of an element to Yxy 14.0985, 0.3031, 0.1443 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(183, 0, 197) }
```

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

```
.border{ border-color:rgb(183, 0, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 0, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(183, 0,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0985, 0.3031, 0.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 0, 197) }
```

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

```
.background{ background-color: rgb(183, 0,  
197) }
```

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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