

Converting Colors

$Yxy(14.1922, 0.3139, 0.1503)$

Have a look what the booklet for
Yxy(14.1922, 0.3139, 0.1503)
contains.

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Color

Yxy(14.2007, 0.3144, 0.1506)

Conversions

Conversions Part 1

Format	Color
Hex	BA00BF
RGB	186, 0, 191
RGB Percent	73%, 0%, 75%
CMY	0.2707, 0.9991, 0.2511
CMYK	0.03, 1.00, 0.00, 0.25
HSL	298°, 100%, 37%
HSV	298°, 100%, 75%
XYZ	29.6461, 14.2007, 50.4474
YIQ	77.3880, 49.5450, 98.8330

Conversions

Conversions Part 2

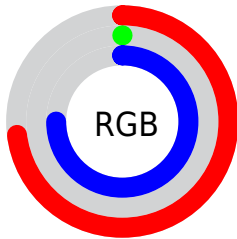
Format	Color
R_{YB}	186, 0, 191
Decimal	12189887
CIE _{Lab}	44.52, 78.23, -50.42
CIE _{LCh}	45, 93.067, 327.200
Yxy	14.2007, 0.3144, 0.1506
Android (android.graphics.Color)	4290379967 (0xFFBA00BF)
YUV	77.3880, 56.0107, 95.2527
Hunter-Lab	37.6838, 74.4803, -52.9929

Details

The Yxy color **14.2007, 0.3144, 0.1506** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **37.2798, 0.3005, 0.5995**, and the grayscale version is **7.4093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5149, 0.3177, 0.1819**, and **6.3953, 0.3049, 0.1453** is the 20% darker color. If you saturate the color by 10%, you get **14.1955, 0.3144, 0.1506**, and if you desaturate by 10%, it is **14.7359, 0.3149, 0.1547**.

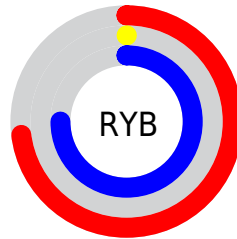
Distribution



Red (73%)

Green (0%)

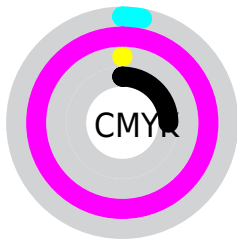
Blue (75%)



Red (73%)

Yellow (0%)

Blue (75%)

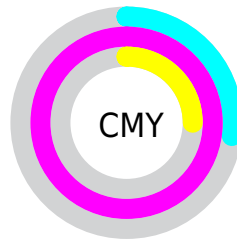


Cyan (3%)

Magenta (100%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (100%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2007, 0.3144, 0.1506 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 14.2007, 0.3144, 0.1506 by changing the saturation by 10% instead.


 14.2007, 0.3144,
0.1506


 14.2007, 0.3144,
0.1506


218.4758, 0.3190,
0.2385


 8.2604, 0.3111,
0.1303


 33.4447, 0.3176,
0.1816

 4.2620, 0.3056,
0.1059


 47.5172, 0.3183,
0.1936

 1.8212, 0.2958,
0.0768


 65.0692, 0.3188,
0.2038

 0.5003, 0.2791,
0.0397

 86.4851, 0.3190,
0.2127

 0.0000, 0.2465,
0.0000

 112.1494, 0.3191,
0.2204

 0.0000, 0.1325,
0.0000

 142.4463, 0.3191,

 0.0000, 0.0000,

0.2272

0.0000

177.7603, 0.3191,
0.2332

■ 14.2007, 0.3144,
0.1506

■ 14.2007, 0.3144,
0.1506

■ 14.1955, 0.3144,
0.1506

■ 14.7359, 0.3149,
0.1547

■ 15.7355, 0.3153,
0.1622

■ 17.3632, 0.3156,
0.1739

■ 19.7029, 0.3156,
0.1898

■ 22.8258, 0.3154,
0.2092

■ 26.7943, 0.3151,
0.2314

■ 31.6645, 0.3146,
0.2553

■ 37.4879, 0.3141,
0.2802

■ 44.3119, 0.3134,
0.3051

Harmonies

Analogous

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



14.2007, 0.1704, 0.1140



14.2007, 0.3144, 0.1506



14.2007, 0.5146, 0.2170

Triad

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



14.2007, 0.3144, 0.1506



14.2007, 0.5003, 0.4997



14.2007, 0.0697, 0.2304

Complementary

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



14.2007, 0.3144, 0.1506



37.2798, 0.3005, 0.5995

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.



14.2007, 0.1149, 0.4533



14.2007, 0.3144, 0.1506



14.2007, 0.3578, 0.6422

Square

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



14.2007, 0.3144, 0.1506



14.2007, 0.6176, 0.3824



14.2007, 0.2209, 0.6773



14.2007, 0.0681, 0.1364

Rectangle

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



14.2007, 0.3144, 0.1506



14.2007, 0.6150, 0.2684



14.2007, 0.2209, 0.6773



14.2007, 0.0785, 0.2882

Sweetspot

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



14.2014, 0.3144, 0.1506



56.1661, 0.3147, 0.2539



3.9046, 0.1506, 0.0621



11.4803, 0.3149, 0.2435



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.



14.2014, 0.3144, 0.1506



25.4173, 0.3143, 0.1505



12.0352, 0.4820, 0.2430



9.6832, 0.3134, 0.3064



9.3388, 0.3145, 0.1506



0.3699, 0.3161, 0.1515

Inverse Universe

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



11.0882, 0.6372, 0.3285



19.8520, 0.6382, 0.3289



37.9725, 0.2756, 0.5120



9.5403, 0.3284, 0.3284



7.2883, 0.6367, 0.3281



0.2869, 0.6240, 0.3211

Previews

White Background



This preview shows how the Yxy color 14.2007, 0.3144, 0.1506 looks on a white background.

Color Contrast Check

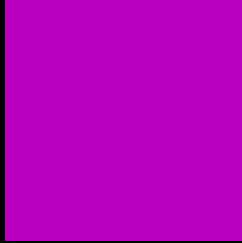
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2007, 0.3144, 0.1506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

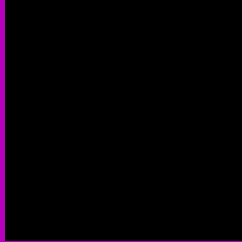
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2007, 0.3144, 0.1506

Background



This preview shows how black text looks on a background with the Yxy color 14.2007, 0.3144, 0.1506.



This preview shows how white text looks on a background with the Yxy color 14.2007, 0.3144, 0.1506.

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

14.2007, 0.3144, 0.1506

Protanopia

15.0151, 0.1743, 0.1476

Deuteranopia

14.9200, 0.2032, 0.1976



Tritanopia

14.6100, 0.4727, 0.3224

Trichromacy



Original Color

14.2007, 0.3144, 0.1506



Protanomaly

9.7288, 0.1822, 0.1119



Deuteranomaly

10.7202, 0.2248, 0.1451



Tritanomaly

12.9349, 0.4161, 0.2360

Monochromacy



Original Color

14.2007, 0.3144, 0.1506



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.3950, 0.3152, 0.1974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2007, 0.3144, 0.1506 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, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 191)  
}
```

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, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 191) }
```

Border

The CSS property to change the border of an element to Yxy 14.2007, 0.3144, 0.1506 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, 0, 191) }
```

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

```
.border{ border-color:rgb(186, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2007, 0.3144, 0.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 191) }
```

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

```
.background{ background-color: rgb(186, 0,  
191) }
```

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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