

Converting Colors

$Y_{xy}(14.8175, 0.3228, 0.1552)$

Have a look what the booklet for
Yxy(14.8175, 0.3228, 0.1552)
contains.

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Color

Yxy(14.7941, 0.3222, 0.1549)

Conversions

Conversions Part 1

Format	Color
Hex	BF00BE
RGB	191, 0, 190
RGB Percent	75%, 0%, 75%
CMY	0.2511, 0.9990, 0.2550
CMYK	0.00, 1.00, 0.01, 0.25
HSL	300°, 100%, 37%
HSV	300°, 100%, 75%
XYZ	30.7725, 14.7941, 49.9408
YIQ	78.7690, 52.8460, 99.5820

Conversions

Conversions Part 2

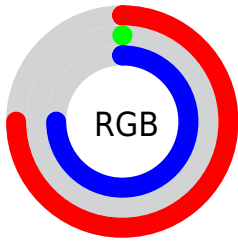
Format	Color
RYB	191, 0, 190
Decimal	12517566
CIELab	45.35, 78.89, -48.46
CIElCh	45, 92.583, 328.436
Yxy	14.7941, 0.3222, 0.1549
Android (android.graphics.Color)	4290707646 (0xFFBF00BE)
YUV	78.7690, 54.8369, 98.4266
Hunter-Lab	38.4631, 75.4989, -50.0585

Details

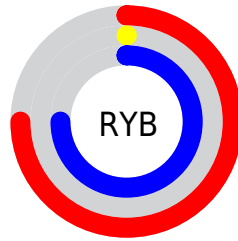
The Yxy color **14.7941, 0.3222, 0.1549** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **37.2515, 0.2999, 0.5996**, and the grayscale version is **7.6865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3694, 0.3234, 0.1848**, and **6.7641, 0.3156, 0.1512** is the 20% darker color. If you saturate the color by 10%, you get **14.7891, 0.3222, 0.1549**, and if you desaturate by 10%, it is **15.2713, 0.3219, 0.1585**.

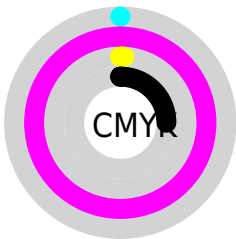
Distribution



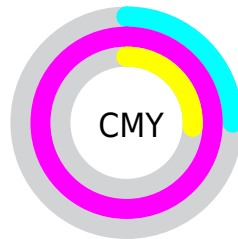
- Red (75%)
- Green (0%)
- Blue (75%)



- Red (75%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7941, 0.3222, 0.1549 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 14.7941, 0.3222, 0.1549 by changing the saturation by 10% instead.


 14.7941, 0.3222,
0.1549


 14.7941, 0.3222,
0.1549


 222.1166, 0.3223,
0.2407

 8.6750, 0.3203,
0.1350


 34.4916, 0.3236,
0.1852


 4.5298, 0.3166,
0.1109


 48.8387, 0.3237,
0.1969


 1.9741, 0.3094,
0.0819


 66.6974, 0.3236,
0.2069

 0.5924, 0.2959,
0.0462

 88.4519, 0.3234,
0.2155

 0.0000, 0.2703,
0.0000

 114.4867, 0.3231,
0.2231

 0.0000, 0.1773,
0.0000

 145.1861, 0.3229,

 0.0000, 0.0000,

0.2297

0.0000

180.9346, 0.3226,
0.2355

■ 14.7941, 0.3222,
0.1549

■ 14.7941, 0.3222,
0.1549

■ 14.7891, 0.3222,
0.1549

■ 15.2713, 0.3219,
0.1585

■ 16.2131, 0.3214,
0.1654

■ 17.7829, 0.3207,
0.1766

■ 20.0646, 0.3199,
0.1919

■ 23.1294, 0.3188,
0.2108

■ 27.0397, 0.3177,
0.2325

■ 31.8516, 0.3164,
0.2561

■ 37.6166, 0.3152,
0.2806

■ 44.3820, 0.3139,
0.3052

Harmonies

Analogous

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



14.7941, 0.1767, 0.1170



14.7941, 0.3222, 0.1549



14.7941, 0.5188, 0.2219

Triad

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



14.7941, 0.3222, 0.1549



14.7941, 0.4944, 0.5056



14.7941, 0.0714, 0.2267

Complementary

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



14.7941, 0.3222, 0.1549



37.2515, 0.2999, 0.5996

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.



14.7941, 0.1148, 0.4398



14.7941, 0.3222, 0.1549



14.7941, 0.3548, 0.6452

Square

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



14.7941, 0.3222, 0.1549



14.7941, 0.6116, 0.3884



14.7941, 0.2187, 0.6660



14.7941, 0.0708, 0.1368

Rectangle

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



14.7941, 0.3222, 0.1549



14.7941, 0.6141, 0.2733



14.7941, 0.2187, 0.6660



14.7941, 0.0798, 0.2817

Sweetspot

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



14.7948, 0.3222, 0.1549



56.4941, 0.3165, 0.2546



3.7674, 0.1501, 0.0601



11.5623, 0.3171, 0.2444



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.



14.7948, 0.3222, 0.1549



26.4965, 0.3222, 0.1549



11.9151, 0.4961, 0.2507



9.6954, 0.3139, 0.3065



9.7234, 0.3222, 0.1549



0.3811, 0.3219, 0.1547

Inverse Universe

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



14.7948, 0.3222, 0.1549



26.4965, 0.3222, 0.1549



38.0862, 0.2725, 0.5009



9.6954, 0.3139, 0.3065



9.7234, 0.3222, 0.1549



0.3811, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 14.7941, 0.3222, 0.1549 looks on a white background.

Color Contrast Check

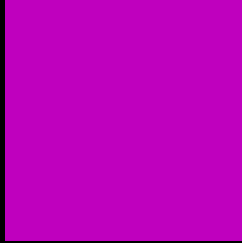
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7941, 0.3222, 0.1549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

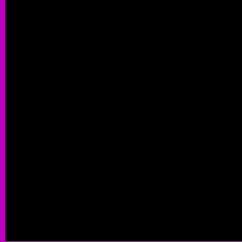
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7941, 0.3222, 0.1549

Background



This preview shows how black text looks on a background with the Yxy color 14.7941, 0.3222, 0.1549.



This preview shows how white text looks on a background with the Yxy color 14.7941, 0.3222, 0.1549.

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

14.7941, 0.3222, 0.1549

Protanopia

15.6358, 0.1743, 0.1476

Deuteranopia

15.5648, 0.2091, 0.2039



Tritanopia

15.1804, 0.4808, 0.3241

Trichromacy



Original Color

14.7941, 0.3222, 0.1549



Protanomaly

10.1026, 0.1827, 0.1134



Deuteranomaly

11.1787, 0.2321, 0.1500



Tritanomaly

13.5131, 0.4253, 0.2403

Monochromacy



Original Color

14.7941, 0.3222, 0.1549



Achromatopsia

7.8187, 0.3127, 0.3290



Achromatomaly

7.6062, 0.3206, 0.1996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7941, 0.3222, 0.1549 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(191, 0, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 190)  
}
```

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(191, 0, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 190) }
```

Border

The CSS property to change the border of an element to Yxy 14.7941, 0.3222, 0.1549 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(191, 0, 190) }
```

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

```
.border{ border-color:rgb(191, 0, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 190);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7941, 0.3222, 0.1549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 190) }
```

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

```
.background{ background-color: rgb(191, 0,  
190) }
```

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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