

Converting Colors

$Yxy(18.6611, 0.3167, 0.1518)$

Have a look what the booklet for
Yxy(18.6611, 0.3167, 0.1518)
contains.

Yxy(18.7039, 0.3174, 0.1522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(18.7039, 0.3174, 0.1522)

Conversions

Conversions Part 1

Format	Color
Hex	D300D6
RGB	211, 0, 214
RGB Percent	83%, 0%, 84%
CMY	0.1725, 1.0000, 0.1607
CMYK	0.01, 1.00, 0.00, 0.16
HSL	299°, 100%, 42%
HSV	299°, 100%, 84%
XYZ	39.0054, 18.7039, 65.1810
YIQ	87.4850, 57.0620, 111.2860

Conversions

Conversions Part 2

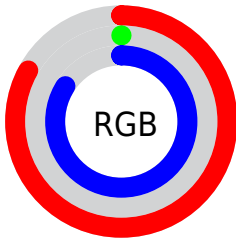
Format	Color
R_{YB}	211, 0, 214
Decimal	13828310
CIE _{Lab}	50.34, 85.62, -54.18
CIE _{LCh}	50, 101.322, 327.674
Yxy	18.7039, 0.3174, 0.1522
Android (android.graphics.Color)	4292018390 (0xFFD300D6)
YUV	87.4850, 62.3719, 108.3227
Hunter-Lab	43.2480, 85.3051, -59.0850

Details

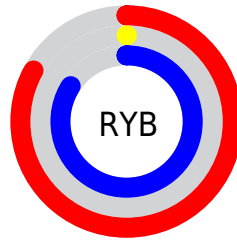
The Yxy color **18.7039, 0.3174, 0.1522** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **48.1189, 0.3002, 0.5998**, and the grayscale version is **9.4958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6644, 0.3195, 0.1848**, and **9.0479, 0.3100, 0.1481** is the 20% darker color. If you saturate the color by 10%, you get **18.7066, 0.3174, 0.1522**, and if you desaturate by 10%, it is **19.3021, 0.3176, 0.1557**.

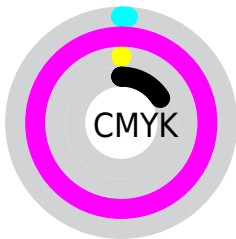
Distribution



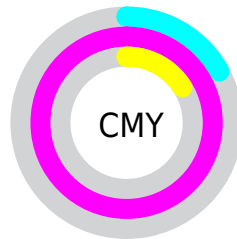
- Red (83%)
- Green (0%)
- Blue (84%)



- Red (83%)
- Yellow (0%)
- Blue (84%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)





- Cyan (17%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7039, 0.3174, 0.1522 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 18.7039, 0.3174, 0.1522 by changing the saturation by 10% instead.


 18.7039, 0.3174,
0.1522


 18.7039, 0.3174,
0.1522


244.8092, 0.3204,
0.2355


 11.4565, 0.3149,
0.1339


 41.2332, 0.3198,
0.1808

 6.3748, 0.3108,
0.1121

 57.2838, 0.3203,
0.1920


 3.0743, 0.3037,
0.0864


 77.0377, 0.3206,
0.2018

 1.1706, 0.2912,
0.0568

 100.8792, 0.3207,
0.2103

 0.0375, 0.2744,
0.0036

 129.1927, 0.3207,
0.2177

 0.0000, 0.2258,
0.0000

 162.3626, 0.3206,

 0.0000, 0.0141,

0.2243

0.0000

200.7733, 0.3205,
0.2302

■ 0.0000, 0.0000,
0.0000

■ 18.7039, 0.3174,
0.1522

■ 18.7039, 0.3174,
0.1522

■ 18.7066, 0.3174,
0.1522

■ 19.3021, 0.3176,
0.1557

■ 20.5088, 0.3177,
0.1627

■ 22.5297, 0.3176,
0.1740

■ 25.4771, 0.3173,
0.1895

■ 29.4458, 0.3168,
0.2087

■ 34.5188, 0.3161,
0.2307

■ 40.7705, 0.3154,
0.2547

■ 48.2689, 0.3145,
0.2796

■ 57.0770, 0.3136,
0.3046

Harmonies

Analogous

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



18.7039, 0.1728, 0.1151



18.7039, 0.3174, 0.1522



18.7039, 0.5163, 0.2188

Triad

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



18.7039, 0.3174, 0.1522



18.7039, 0.4980, 0.5020



18.7039, 0.0703, 0.2289

Complementary

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



18.7039, 0.3174, 0.1522



48.1189, 0.3002, 0.5998

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.



18.7039, 0.1148, 0.4481



18.7039, 0.3174, 0.1522



18.7039, 0.3566, 0.6434

Square

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



18.7039, 0.3174, 0.1522



18.7039, 0.6143, 0.3840



18.7039, 0.2200, 0.6732



18.7039, 0.0691, 0.1365

Rectangle

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



18.7039, 0.3174, 0.1522



18.7039, 0.6148, 0.2703



18.7039, 0.2200, 0.6732



18.7039, 0.0789, 0.2856

Sweetspot

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



18.7066, 0.3174, 0.1522



60.3174, 0.3154, 0.2539



4.9331, 0.1503, 0.0609



12.0208, 0.3157, 0.2436



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.



18.7066, 0.3174, 0.1522



27.8085, 0.3174, 0.1522



15.4364, 0.4909, 0.2478



12.6234, 0.3136, 0.3060



11.3095, 0.3175, 0.1522



0.6850, 0.3181, 0.1526

Inverse Universe

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



14.3046, 0.6388, 0.3293



21.2678, 0.6391, 0.3294



49.0877, 0.2744, 0.5080



12.4236, 0.3289, 0.3287



8.6463, 0.6384, 0.3291



0.5225, 0.6333, 0.3262

Previews

White Background



This preview shows how the Yxy color 18.7039, 0.3174, 0.1522 looks on a white background.

Color Contrast Check

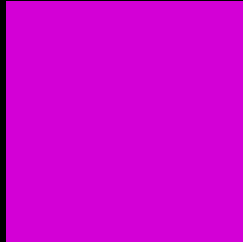
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 18.7039, 0.3174, 0.1522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

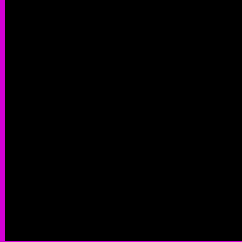
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7039, 0.3174, 0.1522

Background



This preview shows how black text looks on a background with the Yxy color 18.7039, 0.3174, 0.1522.



This preview shows how white text looks on a background with the Yxy color 18.7039, 0.3174, 0.1522.

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

18.7039, 0.3174, 0.1522

Protanopia

19.4999, 0.1737, 0.1454

Deuteranopia

19.4013, 0.2051, 0.1994



Tritanopia

18.9491, 0.4765, 0.3220

Trichromacy



Original Color

18.7039, 0.3174, 0.1522



Protanomaly

12.5315, 0.1813, 0.1101



Deuteranomaly

13.9700, 0.2274, 0.1460



Tritanomaly

16.8520, 0.4199, 0.2359

Monochromacy



Original Color

18.7039, 0.3174, 0.1522



Achromatopsia

9.5307, 0.3127, 0.3290



Achromatomaly

9.3314, 0.3173, 0.1959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7039, 0.3174, 0.1522 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(211, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 214)  
}
```

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(211, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 214) }
```

Border

The CSS property to change the border of an element to Yxy 18.7039, 0.3174, 0.1522 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(211, 0, 214) }
```

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

```
.border{ border-color:rgb(211, 0, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 0, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(211, 0,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7039, 0.3174, 0.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 214) }
```

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

```
.background{ background-color: rgb(211, 0,  
214) }
```

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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