

Converting Colors

$Yxy(18.8406, 0.3884, 0.1981)$

Have a look what the booklet for
Yxy(18.8406, 0.3884, 0.1981)
contains.

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Color

Yxy(18.7551, 0.3882, 0.1979)

Conversions

Conversions Part 1

Format	Color
Hex	DB1CA9
RGB	219, 28, 169
RGB Percent	86%, 11%, 66%
CMY	0.1412, 0.8901, 0.3372
CMYK	0.00, 0.87, 0.23, 0.14
HSL	316°, 77%, 48%
HSV	316°, 87%, 86%
XYZ	36.7899, 18.7551, 39.2255
YIQ	101.1830, 68.5750, 84.3430

Conversions

Conversions Part 2

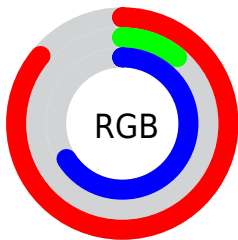
Format	Color
R_{YB}	219, 28, 169
Decimal	14359721
CIE _{Lab}	50.40, 78.19, -27.83
CIE _{LCh}	50, 82.990, 340.409
Yxy	18.7551, 0.3882, 0.1979
Android (android.graphics.Color)	4292549801 (0xFFDB1CA9)
YUV	101.1830, 33.4338, 103.3255
Hunter-Lab	43.3072, 75.8503, -23.3870

Details

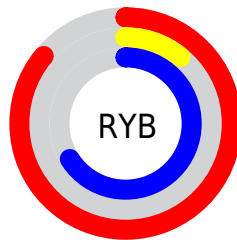
The Yxy color **18.7551, 0.3882, 0.1979** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **51.4573, 0.2881, 0.5454**, and the grayscale version is **12.9662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1990, 0.3487, 0.2119**, and **8.6553, 0.4003, 0.1979** is the 20% darker color. If you saturate the color by 10%, you get **17.8468, 0.3986, 0.1981**, and if you desaturate by 10%, it is **20.4192, 0.3774, 0.2025**.

Distribution



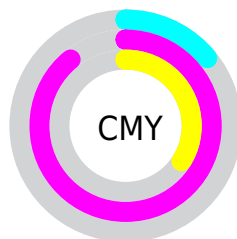
- Red (86%)
- Green (11%)
- Blue (66%)



- Red (86%)
- Yellow (11%)
- Blue (66%)



- Cyan (0%)
- Magenta (87%)
- Yellow (23%)
- Black (14%)





- Cyan (14%)
- Magenta (89%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7551, 0.3882, 0.1979 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 18.7551, 0.3882, 0.1979 by changing the saturation by 10% instead.


 18.7551, 0.3882,
0.1979


 18.7551, 0.3882,
0.1979


245.0934, 0.3492,
0.2643


 11.4935, 0.3982,
0.1815


 41.3199, 0.3738,
0.2220


 6.3998, 0.4110,
0.1607


 57.3918, 0.3685,
0.2311

 3.0897, 0.4279,
0.1338


 77.1692, 0.3640,
0.2388

 1.1787, 0.4510,
0.0988

 101.0366, 0.3602,
0.2454

 0.0442, 0.5062,
0.0089

 129.3783, 0.3568,
0.2511

 0.0000, 0.5330,
0.0000

 162.5788, 0.3540,

 0.0000, 0.0000,

0.2561

0.0000

201.0223, 0.3514,
0.2605

■ 18.7551, 0.3882,
0.1979

■ 18.7551, 0.3882,
0.1979

■ 17.8468, 0.3986,
0.1981

■ 20.4192, 0.3774,
0.2025

■ 17.6565, 0.4015,
0.1986

■ 22.9860, 0.3666,
0.2117

■ 26.5696, 0.3562,
0.2249

■ 31.2664, 0.3464,
0.2411

■ 37.1615, 0.3374,
0.2591

■ 44.3318, 0.3295,
0.2781

■ 52.8478, 0.3225,
0.2973

■ 62.7747, 0.3165,
0.3160

■ 74.1735, 0.3114,
0.3339

Harmonies

Analogous

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



18.7551, 0.2391, 0.1501



18.7551, 0.3882, 0.1979



18.7551, 0.5406, 0.2679

Triad

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



18.7551, 0.3882, 0.1979



18.7551, 0.4423, 0.5469



18.7551, 0.0916, 0.2038

Complementary

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



18.7551, 0.3882, 0.1979



51.4573, 0.2881, 0.5454

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.



18.7551, 0.1188, 0.3422



18.7551, 0.3882, 0.1979



18.7551, 0.3167, 0.6223

Square

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



18.7551, 0.3882, 0.1979



18.7551, 0.5487, 0.4371



18.7551, 0.1986, 0.5443



18.7551, 0.1015, 0.1451

Rectangle

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



18.7551, 0.3882, 0.1979



18.7551, 0.5926, 0.3192



18.7551, 0.1986, 0.5443



18.7551, 0.0959, 0.2391

Sweetspot

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



18.7561, 0.3882, 0.1979



63.6787, 0.3287, 0.2800



7.4729, 0.1772, 0.0819



12.8139, 0.3314, 0.2733



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.



18.7561, 0.3882, 0.1979



24.9023, 0.4024, 0.1990



16.4094, 0.5555, 0.2948



13.2136, 0.3177, 0.3119



10.4890, 0.4000, 0.1977



0.6934, 0.3843, 0.1891

Inverse Universe

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



18.7561, 0.3882, 0.1979



24.9023, 0.4024, 0.1990



53.8571, 0.2470, 0.4009



13.2136, 0.3177, 0.3119



10.4890, 0.4000, 0.1977



0.6934, 0.3843, 0.1891

Previews

White Background



This preview shows how the Yxy color 18.7551, 0.3882, 0.1979 looks on a white background.

Color Contrast Check

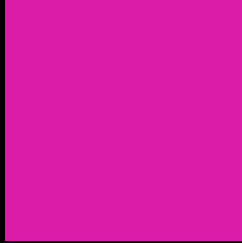
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7551, 0.3882, 0.1979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

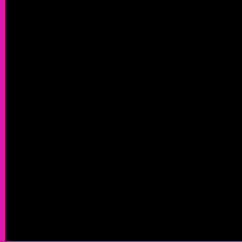
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7551, 0.3882, 0.1979

Background



This preview shows how black text looks on a background with the Yxy color 18.7551, 0.3882, 0.1979.



This preview shows how white text looks on a background with the Yxy color 18.7551, 0.3882, 0.1979.

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

18.7551, 0.3882, 0.1979

Protanopia

19.3988, 0.1840, 0.1574

Deuteranopia

19.1416, 0.2635, 0.2582



Tritanopia

18.7236, 0.5267, 0.3256

Trichromacy



Original Color

18.7551, 0.3882, 0.1979



Protanomaly

14.5797, 0.2168, 0.1466



Deuteranomaly

15.8792, 0.3023, 0.2114



Tritanomaly

18.1326, 0.4807, 0.2736

Monochromacy



Original Color

18.7551, 0.3882, 0.1979



Achromatopsia

13.0136, 0.3127, 0.3290



Achromatomaly

12.3332, 0.3458, 0.2407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7551, 0.3882, 0.1979 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(219, 28, 169)` looks like.

```
.text, #text, p{  
    color:rgb(219, 28, 169)  
}
```

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(219, 28, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 28, 169) }
```

Border

The CSS property to change the border of an element to Yxy 18.7551, 0.3882, 0.1979 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(219, 28, 169) }
```

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

```
.border{ border-color:rgb(219, 28, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 28, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 28, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 28, 169);  
box-shadow:4px 4px 4px 4px rgb(219, 28,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7551, 0.3882, 0.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 28, 169) }
```

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

```
.background{ background-color: rgb(219, 28,  
169) }
```

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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