

Converting Colors

$Y_{xy}(17.9219, 0.2641, 0.1229)$

Have a look what the booklet for
Yxy(17.9219, 0.2641, 0.1229)
contains.

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Color

Yxy(17.9219, 0.2641, 0.1229)

Conversions

Conversions Part 1

Format	Color
Hex	C000F7
RGB	192, 0, 247
RGB Percent	75%, 0%, 97%
CMY	0.2472, 0.9983, 0.0315
CMYK	0.22, 1.00, 0.00, 0.03
HSL	287°, 100%, 49%
HSV	287°, 100%, 97%
XYZ	38.5124, 17.9219, 89.3908
YIQ	85.5660, 35.1450, 117.5210

Conversions

Conversions Part 2

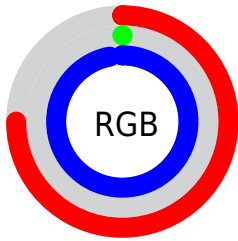
Format	Color
RYB	192, 0, 247
Decimal	12583159
CIELab	49.40, 88.09, -74.51
CIElCh	49, 115.376, 319.773
Yxy	17.9219, 0.2641, 0.1229
Android (android.graphics.Color)	4290773239 (0xFFC000F7)
YUV	85.5660, 79.5870, 93.3426
Hunter-Lab	42.3343, 88.3004, -95.5596

Details

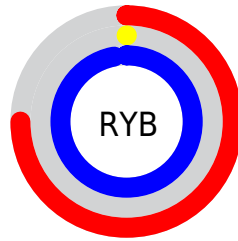
The Yxy color **17.9219, 0.2641, 0.1229** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **67.3212, 0.3075, 0.5940**, and the grayscale version is **9.0849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9313, 0.3177, 0.1827**, and **8.5797, 0.2458, 0.1127** is the 20% darker color. If you saturate the color by 10%, you get **17.9009, 0.2640, 0.1228**, and if you desaturate by 10%, it is **19.3464, 0.2700, 0.1297**.

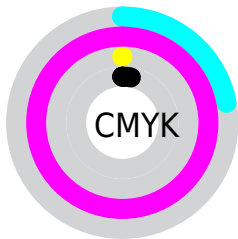
Distribution



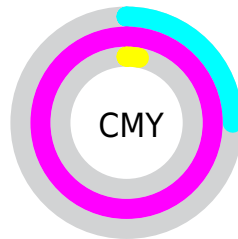
- Red (75%)
- Green (0%)
- Blue (97%)



- Red (75%)
- Yellow (0%)
- Blue (97%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)





- Cyan (25%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9219, 0.2641, 0.1229 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 17.9219, 0.2641, 0.1229 by changing the saturation by 10% instead.


 17.9219, 0.2641,
0.1229


 17.9219, 0.2641,
0.1229


240.4305, 0.2961,
0.2150


 10.8939, 0.2545,
0.1044


 39.9042, 0.2771,
0.1532


 5.9956, 0.2416,
0.0834


 55.6273, 0.2816,
0.1655


 2.8424, 0.2239,
0.0600


 75.0176, 0.2853,
0.1764

 1.0500, 0.1991,
0.0357

 98.4595, 0.2883,
0.1860

 0.0000, 0.1663,
0.0000

 126.3373, 0.2907,
0.1945

 0.0000, 0.1158,
0.0000

 159.0355, 0.2928,

 0.0000, 0.0000,

0.2021

0.0000

196.9384, 0.2946,
0.2089

■ 17.9219, 0.2641,
0.1229

■ 17.9219, 0.2641,
0.1229

■ 17.9009, 0.2640,
0.1228

■ 19.3464, 0.2700,
0.1297

■ 21.6714, 0.2760,
0.1406

■ 25.1595, 0.2821,
0.1563

■ 29.9715, 0.2880,
0.1762

■ 36.2428, 0.2935,
0.1994

■ 44.0916, 0.2986,
0.2250

■ 53.6238, 0.3030,
0.2516

■ 64.9364, 0.3069,
0.2784

■ 78.1186, 0.3101,
0.3045

Harmonies

Analogous

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



17.9219, 0.1318, 0.0940



17.9219, 0.2641, 0.1229



17.9219, 0.4840, 0.1845

Triad

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



17.9219, 0.2641, 0.1229



17.9219, 0.5398, 0.4602



17.9219, 0.0570, 0.2579

Complementary

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



17.9219, 0.2641, 0.1229



67.3212, 0.3075, 0.5940

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.



17.9219, 0.1125, 0.5558



17.9219, 0.2641, 0.1229



17.9219, 0.3780, 0.6220

Square

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



17.9219, 0.2641, 0.1229



17.9219, 0.6576, 0.3424



17.9219, 0.2287, 0.7405



17.9219, 0.0502, 0.1328

Rectangle

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



17.9219, 0.2641, 0.1229



17.9219, 0.6194, 0.2358



17.9219, 0.2287, 0.7405



17.9219, 0.0682, 0.3376

Sweetspot

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



17.9226, 0.2641, 0.1229



57.4255, 0.3030, 0.2510



9.7367, 0.1565, 0.0833



11.3197, 0.3011, 0.2397



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.



17.9226, 0.2641, 0.1229



19.2403, 0.2639, 0.1227



23.1209, 0.4038, 0.1999



16.5709, 0.3102, 0.3054



9.5367, 0.2650, 0.1233



0.8829, 0.2723, 0.1274

Inverse Universe

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



20.0558, 0.6046, 0.3105



21.5543, 0.6054, 0.3109



66.8939, 0.2916, 0.5697



16.5431, 0.3258, 0.3237



10.6217, 0.6012, 0.3086



0.9484, 0.5670, 0.2897

Previews

White Background



This preview shows how the Yxy color 17.9219, 0.2641, 0.1229 looks on a white background.

Color Contrast Check

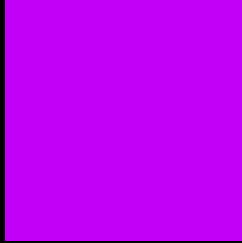
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9219, 0.2641, 0.1229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

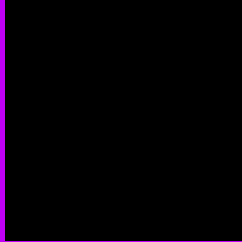
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9219, 0.2641, 0.1229

Background



This preview shows how black text looks on a background with the Yxy color 17.9219, 0.2641, 0.1229.



This preview shows how white text looks on a background with the Yxy color 17.9219, 0.2641, 0.1229.

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

17.9219, 0.2641, 0.1229

Protanopia

18.6723, 0.1741, 0.1467

Deuteranopia

18.3779, 0.1838, 0.1817



Tritanopia

18.2068, 0.4124, 0.3186

Trichromacy



Original Color

17.9219, 0.2641, 0.1229



Protanomaly

12.5988, 0.1759, 0.1043



Deuteranomaly

11.9917, 0.1818, 0.1170



Tritanomaly

15.4293, 0.3519, 0.2063

Monochromacy



Original Color

17.9219, 0.2641, 0.1229



Achromatopsia

9.3059, 0.3127, 0.3290



Achromatomaly

9.1367, 0.2881, 0.1763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9219, 0.2641, 0.1229 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(192, 0, 247)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 247)  
}
```

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(192, 0, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 247) }
```

Border

The CSS property to change the border of an element to Yxy 17.9219, 0.2641, 0.1229 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(192, 0, 247) }
```

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

```
.border{ border-color:rgb(192, 0, 247) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 247);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9219, 0.2641, 0.1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 247) }
```

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

```
.background{ background-color: rgb(192, 0,  
247) }
```

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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