

Converting Colors

$Y_{xy}(17.3447, 0.3059, 0.1459)$

Have a look what the booklet for
Yxy(17.3447, 0.3059, 0.1459)
contains.

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Color

Yxy(17.2725, 0.3056, 0.1457)

Conversions

Conversions Part 1

Format	Color
Hex	C900D6
RGB	201, 0, 214
RGB Percent	79%, 0%, 84%
CMY	0.2117, 1.0000, 0.1608
CMYK	0.06, 1.00, 0.00, 0.16
HSL	296°, 100%, 42%
HSV	296°, 100%, 84%
XYZ	36.2284, 17.2725, 65.0475
YIQ	84.4950, 51.1020, 109.1660

Conversions

Conversions Part 2

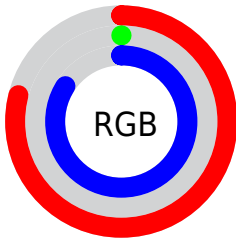
Format	Color
R_{YB}	201, 0, 214
Decimal	13172950
CIE _{Lab}	48.60, 84.07, -57.06
CIE _{LCh}	49, 101.607, 325.834
Yxy	17.2725, 0.3056, 0.1457
Android (android.graphics.Color)	4291363030 (0xFFC900D6)
YUV	84.4950, 63.8460, 102.1749
Hunter-Lab	41.5602, 82.8697, -63.7050

Details

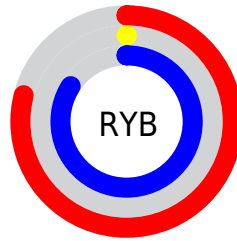
The Yxy color **17.2725, 0.3056, 0.1457** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **48.1824, 0.3011, 0.5991**, and the grayscale version is **8.8320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3087, 0.3195, 0.1836**, and **8.2194, 0.2958, 0.1403** is the 20% darker color. If you saturate the color by 10%, you get **17.2750, 0.3056, 0.1457**, and if you desaturate by 10%, it is **18.0071, 0.3071, 0.1500**.

Distribution



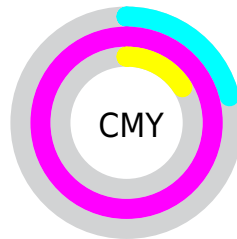
- Red (79%)
- Green (0%)
- Blue (84%)



- Red (79%)
- Yellow (0%)
- Blue (84%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)




- Cyan (21%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2725, 0.3056, 0.1457 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 17.2725, 0.3056, 0.1457 by changing the saturation by 10% instead.


 17.2725, 0.3056,
0.1457


 17.2725, 0.3056,
0.1457


236.7379, 0.3153,
0.2322


 10.4290, 0.3013,
0.1268


 38.7937, 0.3106,
0.1754


 5.6843, 0.2946,
0.1044


 54.2402, 0.3120,
0.1871

 2.6541, 0.2842,
0.0782


 73.3231, 0.3130,
0.1972

 0.9539, 0.2669,
0.0487

 96.4268, 0.3138,
0.2060

 0.0000, 0.2419,
0.0000

 123.9357, 0.3143,
0.2138

 0.0000, 0.1858,
0.0000

 156.2343, 0.3147,

 0.0000, 0.0000,

0.2206

0.0000

193.7069, 0.3150,
0.2268

■ 17.2725, 0.3056,
0.1457

■ 17.2725, 0.3056,
0.1457

■ 17.2750, 0.3056,
0.1457

■ 18.0071, 0.3071,
0.1500

■ 19.3516, 0.3085,
0.1580

■ 21.5118, 0.3097,
0.1702

■ 24.5999, 0.3108,
0.1867

■ 28.7107, 0.3116,
0.2068

■ 33.9272, 0.3122,
0.2295

■ 40.3237, 0.3126,
0.2540

■ 47.9685, 0.3128,
0.2793

■ 56.9242, 0.3128,
0.3045

Harmonies

Analogous

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



17.2725, 0.1634, 0.1104



17.2725, 0.3056, 0.1457



17.2725, 0.5097, 0.2113

Triad

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



17.2725, 0.3056, 0.1457



17.2725, 0.5069, 0.4931



17.2725, 0.0676, 0.2348

Complementary

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



17.2725, 0.3056, 0.1457



48.1824, 0.3011, 0.5991

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.



17.2725, 0.1148, 0.4693



17.2725, 0.3056, 0.1457



17.2725, 0.3612, 0.6388

Square

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



17.2725, 0.3056, 0.1457



17.2725, 0.6244, 0.3756



17.2725, 0.2230, 0.6898



17.2725, 0.0649, 0.1358

Rectangle

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



17.2725, 0.3056, 0.1457



17.2725, 0.6160, 0.2628



17.2725, 0.2230, 0.6898



17.2725, 0.0768, 0.2958

Sweetspot

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



17.2750, 0.3056, 0.1457



59.6499, 0.3126, 0.2533



5.1767, 0.1510, 0.0636



11.8582, 0.3125, 0.2427



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.



17.2750, 0.3056, 0.1457



25.6612, 0.3054, 0.1456



15.6844, 0.4696, 0.2361



12.5925, 0.3128, 0.3060



10.4575, 0.3058, 0.1458



0.6426, 0.3086, 0.1474

Inverse Universe

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



14.3263, 0.6347, 0.3270



21.2959, 0.6356, 0.3275



48.8825, 0.2789, 0.5242



12.4329, 0.3282, 0.3276



8.6638, 0.6331, 0.3261



0.5270, 0.6120, 0.3145

Previews

White Background



This preview shows how the Yxy color 17.2725, 0.3056, 0.1457 looks on a white background.

Color Contrast Check

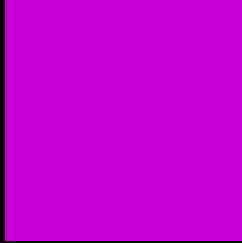
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2725, 0.3056, 0.1457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

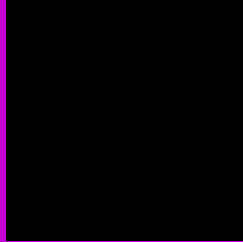
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2725, 0.3056, 0.1457

Background



This preview shows how black text looks on a background with the Yxy color 17.2725, 0.3056, 0.1457.



This preview shows how white text looks on a background with the Yxy color 17.2725, 0.3056, 0.1457.

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

17.2725, 0.3056, 0.1457

Protanopia

18.0422, 0.1739, 0.1460

Deuteranopia

17.9308, 0.1963, 0.1904



Tritanopia

17.5179, 0.4635, 0.3214

Trichromacy



Original Color

17.2725, 0.3056, 0.1457



Protanomaly

11.7644, 0.1804, 0.1097



Deuteranomaly

12.6142, 0.2141, 0.1369



Tritanomaly

15.3718, 0.4052, 0.2296

Monochromacy



Original Color

17.2725, 0.3056, 0.1457



Achromatopsia

9.0842, 0.3127, 0.3290



Achromatomaly

8.8163, 0.3106, 0.1924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2725, 0.3056, 0.1457 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(201, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 214) }
```

Border

The CSS property to change the border of an element to Yxy 17.2725, 0.3056, 0.1457 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(201, 0, 214) }
```

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

```
.border{ border-color:rgb(201, 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(201, 0, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2725, 0.3056, 0.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 214) }
```

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

```
.background{ background-color: rgb(201, 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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