

Converting Colors

$Yxy(17.5941, 0.3178, 0.1537)$

Have a look what the booklet for
Yxy(17.5941, 0.3178, 0.1537)
contains.

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Color

Yxy(17.5377, 0.3172, 0.1534)

Conversions

Conversions Part 1

Format	Color
Hex	CC09CF
RGB	204, 9, 207
RGB Percent	80%, 4%, 81%
CMY	0.2000, 0.9648, 0.1881
CMYK	0.01, 0.96, 0.00, 0.19
HSL	299°, 92%, 42%
HSV	299°, 96%, 81%
XYZ	36.2644, 17.5377, 60.5245
YIQ	89.8770, 52.6620, 102.9180

Conversions

Conversions Part 2

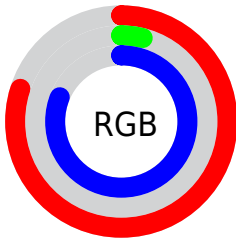
Format	Color
RYB	204, 9, 207
Decimal	13371855
CIELab	48.93, 82.77, -52.50
CIElCh	49, 98.017, 327.617
Yxy	17.5377, 0.3172, 0.1534
Android (android.graphics.Color)	4291561935 (0xFFCC09CF)
YUV	89.8770, 57.7416, 100.0859
Hunter-Lab	41.8780, 81.2860, -56.3746

Details

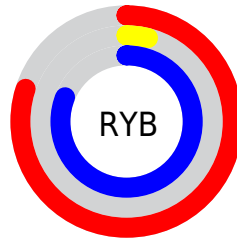
The Yxy color **17.5377, 0.3172, 0.1534** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **44.7383, 0.3004, 0.5968**, and the grayscale version is **10.0524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6644, 0.3195, 0.1848**, and **8.2867, 0.3096, 0.1479** is the 20% darker color. If you saturate the color by 10%, you get **17.3243, 0.3171, 0.1520**, and if you desaturate by 10%, it is **18.3008, 0.3174, 0.1582**.

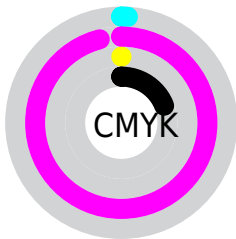
Distribution



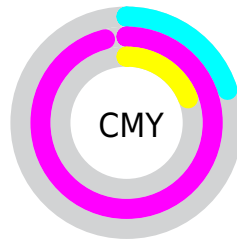
- Red (80%)
- Green (4%)
- Blue (81%)



- Red (80%)
- Yellow (4%)
- Blue (81%)



- Cyan (1%)
- Magenta (96%)
- Yellow (0%)
- Black (19%)





- Cyan (20%)
- Magenta (96%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5377, 0.3172, 0.1534 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 17.5377, 0.3172, 0.1534 by changing the saturation by 10% instead.


 17.5377, 0.3172,
0.1534


 17.5377, 0.3172,
0.1534


238.2522, 0.3202,
0.2373


 10.6186, 0.3147,
0.1347


 39.2480, 0.3196,
0.1824


 5.8110, 0.3104,
0.1123


 54.8080, 0.3201,
0.1938


 2.7305, 0.3030,
0.0856


 74.0170, 0.3204,
0.2036

 0.9927, 0.2896,
0.0549

 97.2595, 0.3205,
0.2121

 0.0000, 0.2709,
0.0000

 124.9199, 0.3205,
0.2196

 0.0000, 0.2170,
0.0000

 157.3826, 0.3204,

 0.0000, 0.0000,

0.2262

0.0000

195.0319, 0.3203,
0.2320

■ 17.5377, 0.3172,
0.1534

■ 17.5377, 0.3172,
0.1534

■ 17.3243, 0.3171,
0.1520

■ 18.3008, 0.3174,
0.1582

■ 19.7473, 0.3174,
0.1672

■ 21.9956, 0.3173,
0.1804

■ 25.1410, 0.3169,
0.1976

■ 29.2655, 0.3164,
0.2181

■ 34.4420, 0.3157,
0.2411

■ 40.7363, 0.3149,
0.2655

■ 48.2090, 0.3141,
0.2905

■ 56.9162, 0.3132,
0.3153

Harmonies

Analogous

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



17.5377, 0.1738, 0.1164



17.5377, 0.3172, 0.1534



17.5377, 0.5138, 0.2198

Triad

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



17.5377, 0.3172, 0.1534



17.5377, 0.4981, 0.5019



17.5377, 0.0719, 0.2306

Complementary

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



17.5377, 0.3172, 0.1534



44.7383, 0.3004, 0.5968

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.



17.5377, 0.1168, 0.4474



17.5377, 0.3172, 0.1534



17.5377, 0.3584, 0.6416

Square

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



17.5377, 0.3172, 0.1534



17.5377, 0.6127, 0.3849



17.5377, 0.2220, 0.6689



17.5377, 0.0704, 0.1381

Rectangle

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



17.5377, 0.3172, 0.1534



17.5377, 0.6116, 0.2712



17.5377, 0.2220, 0.6689



17.5377, 0.0806, 0.2869

Sweetspot

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



17.5385, 0.3172, 0.1534



61.3340, 0.3152, 0.2564



4.8341, 0.1520, 0.0638



12.2108, 0.3156, 0.2459



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.



17.5385, 0.3172, 0.1534



27.7472, 0.3170, 0.1520



14.6190, 0.4805, 0.2446



11.9995, 0.3135, 0.3061



10.9155, 0.3171, 0.1521



0.6133, 0.3179, 0.1525

Inverse Universe

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



13.4912, 0.6321, 0.3292



21.2686, 0.6390, 0.3294



45.7121, 0.2730, 0.4997



11.8111, 0.3288, 0.3287



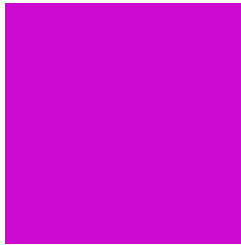
8.3634, 0.6383, 0.3290



0.4687, 0.6323, 0.3257

Previews

White Background



This preview shows how the Yxy color 17.5377, 0.3172, 0.1534 looks on a white background.

Color Contrast Check

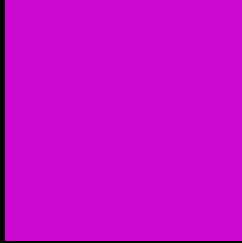
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5377, 0.3172, 0.1534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

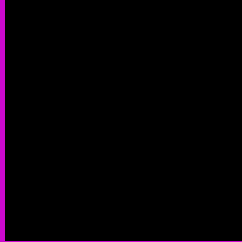
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5377, 0.3172, 0.1534

Background



This preview shows how black text looks on a background with the Yxy color 17.5377, 0.3172, 0.1534.



This preview shows how white text looks on a background with the Yxy color 17.5377, 0.3172, 0.1534.

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

17.5377, 0.3172, 0.1534

Protanopia

18.1015, 0.1737, 0.1454

Deuteranopia

18.0903, 0.2052, 0.1991



Tritanopia

17.7991, 0.4760, 0.3231

Trichromacy



Original Color

17.5377, 0.3172, 0.1534



Protanomaly

12.0894, 0.1822, 0.1139



Deuteranomaly

13.3542, 0.2282, 0.1496



Tritanomaly

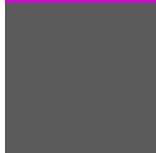
16.1068, 0.4186, 0.2389

Monochromacy



Original Color

17.5377, 0.3172, 0.1534



Achromatopsia

10.2242, 0.3127, 0.3290



Achromatomaly

9.8562, 0.3153, 0.2036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5377, 0.3172, 0.1534 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(204, 9, 207)` looks like.

```
.text, #text, p{  
    color:rgb(204, 9, 207)  
}
```

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(204, 9, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 9, 207) }
```

Border

The CSS property to change the border of an element to Yxy 17.5377, 0.3172, 0.1534 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(204, 9, 207) }
```

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

```
.border{ border-color:rgb(204, 9, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 9, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 9, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 9, 207);  
box-shadow:4px 4px 4px 4px rgb(204, 9,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5377, 0.3172, 0.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 9, 207) }
```

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

```
.background{ background-color: rgb(204, 9,  
207) }
```

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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