

Converting Colors

$Yxy(19.2567, 0.3329, 0.1608)$

Have a look what the booklet for
Yxy(19.2567, 0.3329, 0.1608)
contains.

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Color

Yxy(19.2567, 0.3329, 0.1608)

Conversions

Conversions Part 1

Format	Color
Hex	D900CF
RGB	217, 0, 207
RGB Percent	85%, 0%, 81%
CMY	0.1492, 0.9986, 0.1883
CMYK	0.00, 1.00, 0.05, 0.15
HSL	303°, 100%, 43%
HSV	303°, 100%, 85%
XYZ	39.8666, 19.2567, 60.6323
YIQ	88.4810, 62.8850, 110.3810

Conversions

Conversions Part 2

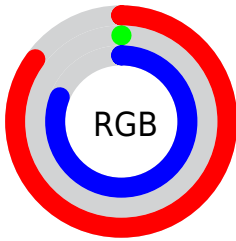
Format	Color
R_{YB}	217, 0, 207
Decimal	14221519
CIE Lab	50.99, 85.54, -49.05
CIE LCh	51, 98.608, 330.171
Yxy	19.2567, 0.3329, 0.1608
Android (android.graphics.Color)	4292411599 (0xFFD900CF)
YUV	88.4810, 58.4299, 112.7112
Hunter-Lab	43.8825, 85.3706, -51.2031

Details

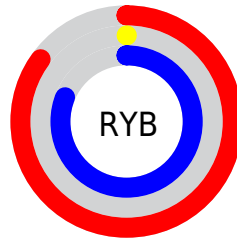
The Yxy color **19.2567, 0.3329, 0.1608** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **49.6308, 0.2993, 0.5975**, and the grayscale version is **9.7755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8457, 0.3195, 0.1854**, and **9.4351, 0.3289, 0.1586** is the 20% darker color. If you saturate the color by 10%, you get **19.2488, 0.3329, 0.1608**, and if you desaturate by 10%, it is **19.8750, 0.3314, 0.1635**.

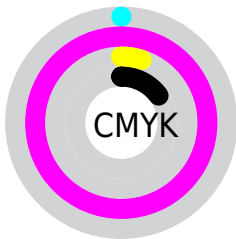
Distribution



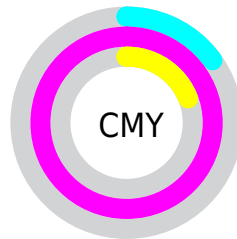
- Red (85%)
- Green (0%)
- Blue (81%)



- Red (85%)
- Yellow (0%)
- Blue (81%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (15%)




- Cyan (15%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2567, 0.3329, 0.1608 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 19.2567, 0.3329, 0.1608 by changing the saturation by 10% instead.


 19.2567, 0.3329,
0.1608


 19.2567, 0.3329,
0.1608


247.8622, 0.3271,
0.2408


 11.8559, 0.3329,
0.1429


 42.1674, 0.3319,
0.1885

 6.6456, 0.3319,
0.1213


 58.4461, 0.3312,
0.1993

 3.2415, 0.3291,
0.0954


 78.4529, 0.3304,
0.2087

 1.2591, 0.3225,
0.0649

 102.5722, 0.3297,
0.2168

 0.1092, 0.3139,
0.0113

 131.1884, 0.3290,
0.2239

 0.0000, 0.2749,
0.0000

 164.6859, 0.3283,

 0.0000, 0.0709,

0.2302

0.0000

203.4490, 0.3277,
0.2358

■ 0.0000, 0.0000,
0.0000

■ 19.2567, 0.3329,
0.1608

■ 19.2567, 0.3329,
0.1608

■ 19.2488, 0.3329,
0.1608

■ 19.8750, 0.3314,
0.1635

■ 21.1316, 0.3297,
0.1699

■ 23.2310, 0.3278,
0.1806

■ 26.2889, 0.3256,
0.1955

■ 30.4031, 0.3234,
0.2140

■ 35.6593, 0.3211,
0.2353

■ 42.1344, 0.3188,
0.2583

■ 49.8987, 0.3166,
0.2822

■ 59.0170, 0.3146,
0.3061

Harmonies

Analogous

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



19.2567, 0.1854, 0.1213



19.2567, 0.3329, 0.1608



19.2567, 0.5245, 0.2286

Triad

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



19.2567, 0.3329, 0.1608



19.2567, 0.4865, 0.5135



19.2567, 0.0738, 0.2217

Complementary

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



19.2567, 0.3329, 0.1608



49.6308, 0.2993, 0.5975

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.



19.2567, 0.1146, 0.4222



19.2567, 0.3329, 0.1608



19.2567, 0.3486, 0.6452

Square

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



19.2567, 0.3329, 0.1608



19.2567, 0.6014, 0.3952



19.2567, 0.2153, 0.6500



19.2567, 0.0746, 0.1372

Rectangle

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



19.2567, 0.3329, 0.1608



19.2567, 0.6129, 0.2800



19.2567, 0.2153, 0.6500



19.2567, 0.0815, 0.2733

Sweetspot

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



19.2576, 0.3329, 0.1608



60.2951, 0.3189, 0.2572



5.0647, 0.1509, 0.0606



12.0155, 0.3198, 0.2473



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.



19.2576, 0.3329, 0.1608



27.7459, 0.3330, 0.1608



15.7021, 0.5120, 0.2595



13.2639, 0.3145, 0.3070



11.6614, 0.3327, 0.1607



0.7588, 0.3306, 0.1595

Inverse Universe

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



19.2576, 0.3329, 0.1608



27.7459, 0.3330, 0.1608



50.8663, 0.2697, 0.4907



13.2639, 0.3145, 0.3070



11.6614, 0.3327, 0.1607



0.7588, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 19.2567, 0.3329, 0.1608 looks on a white background.

Color Contrast Check

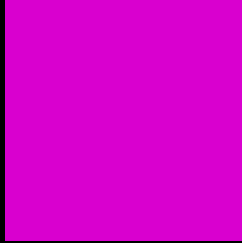
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2567, 0.3329, 0.1608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

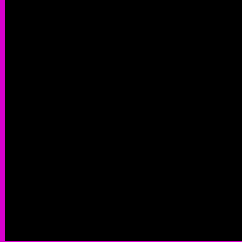
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2567, 0.3329, 0.1608

Background



This preview shows how black text looks on a background with the Yxy color 19.2567, 0.3329, 0.1608.



This preview shows how white text looks on a background with the Yxy color 19.2567, 0.3329, 0.1608.

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

19.2567, 0.3329, 0.1608

Protanopia

20.1587, 0.1739, 0.1460

Deuteranopia

19.9000, 0.2167, 0.2115



Tritanopia

19.5359, 0.4939, 0.3238

Trichromacy



Original Color

19.2567, 0.3329, 0.1608



Protanomaly

12.8293, 0.1831, 0.1129



Deuteranomaly

14.4778, 0.2433, 0.1562



Tritanomaly

17.6230, 0.4380, 0.2447

Monochromacy



Original Color

19.2567, 0.3329, 0.1608



Achromatopsia

9.9899, 0.3127, 0.3290



Achromatomaly

9.8264, 0.3254, 0.2026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2567, 0.3329, 0.1608 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(217, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 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(217, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 207) }
```

Border

The CSS property to change the border of an element to Yxy 19.2567, 0.3329, 0.1608 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(217, 0, 207) }
```

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

```
.border{ border-color:rgb(217, 0, 207) }
```

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

Here you see how a box with a 4 pixel rgb(217, 0, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2567, 0.3329, 0.1608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 207) }
```

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

```
.background{ background-color: rgb(217, 0,  
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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