

Converting Colors

$Yxy(17.3398, 0.3973, 0.1962)$

Have a look what the booklet for
Yxy(17.3398, 0.3973, 0.1962)
contains.

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Color

Yxy(17.3961, 0.3968, 0.1960)

Conversions

Conversions Part 1

Format	Color
Hex	D900A3
RGB	217, 0, 163
RGB Percent	85%, 0%, 64%
CMY	0.1491, 0.9989, 0.3609
CMYK	0.00, 1.00, 0.25, 0.15
HSL	315°, 100%, 43%
HSV	315°, 100%, 85%
XYZ	35.2182, 17.3961, 36.1413
YIQ	83.4650, 77.0090, 96.6970

Conversions

Conversions Part 2

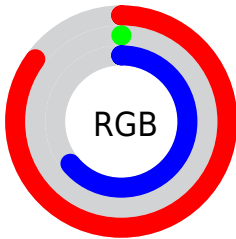
Format	Color
R_{YB}	217, 0, 163
Decimal	14221475
CIE _{Lab}	48.76, 80.01, -26.83
CIE _{LCh}	49, 84.387, 341.462
Yxy	17.3961, 0.3968, 0.1960
Android (android.graphics.Color)	4292411555 (0xFFD900A3)
YUV	83.4650, 39.2108, 117.1102
Hunter-Lab	41.7086, 77.7330, -22.1798

Details

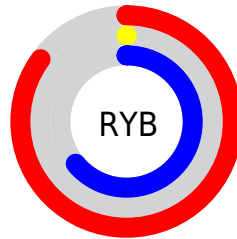
The Yxy color **17.3961, 0.3968, 0.1960** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **49.8819, 0.2923, 0.5722**, and the grayscale version is **8.6897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1507, 0.3572, 0.2110**, and **8.3158, 0.4106, 0.2036** is the 20% darker color. If you saturate the color by 10%, you get **17.3884, 0.3969, 0.1960**, and if you desaturate by 10%, it is **18.1619, 0.3871, 0.1953**.

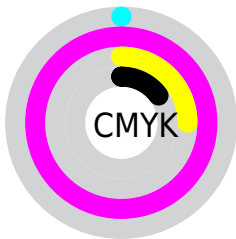
Distribution



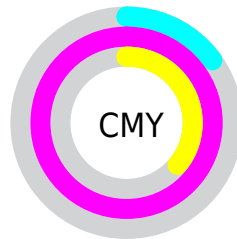
- Red (85%)
- Green (0%)
- Blue (64%)



- Red (85%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3961, 0.3968, 0.1960 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 17.3961, 0.3968, 0.1960 by changing the saturation by 10% instead.


 17.3961, 0.3968,
0.1960


 17.3961, 0.3968,
0.1960


237.4448, 0.3526,
0.2641


 10.5173, 0.4084,
0.1790


 39.0056, 0.3803,
0.2209


 5.7433, 0.4234,
0.1573


 54.5050, 0.3742,
0.2302


 2.6896, 0.4436,
0.1293


 73.6468, 0.3692,
0.2381

 0.9719, 0.4717,
0.0926

 96.8154, 0.3648,
0.2448

 0.0000, 0.5367,
0.0000

 124.3950, 0.3611,
0.2506

 0.0000, 0.5967,
0.0000

 156.7702, 0.3579,

 0.0000, 0.0000,

0.2557

0.0000

194.3253, 0.3551,
0.2601

■ 17.3961, 0.3968,
0.1960

■ 17.3961, 0.3968,
0.1960

■ 17.3884, 0.3969,
0.1960

■ 18.1619, 0.3871,
0.1953

■ 19.5725, 0.3770,
0.1988

■ 21.8335, 0.3668,
0.2071

■ 25.0611, 0.3568,
0.2195

■ 29.3531, 0.3473,
0.2352

■ 34.7954, 0.3386,
0.2531

■ 41.4649, 0.3307,
0.2722

■ 49.4322, 0.3238,
0.2916

■ 58.7621, 0.3178,
0.3108

Harmonies

Analogous

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



17.3961, 0.2406, 0.1465



17.3961, 0.3968, 0.1960



17.3961, 0.5538, 0.2675

Triad

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



17.3961, 0.3968, 0.1960



17.3961, 0.4398, 0.5572



17.3961, 0.0859, 0.1954

Complementary

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



17.3961, 0.3968, 0.1960



49.8819, 0.2923, 0.5722

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.



17.3961, 0.1108, 0.3347



17.3961, 0.3968, 0.1960



17.3961, 0.3088, 0.6349

Square

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



17.3961, 0.3968, 0.1960



17.3961, 0.5519, 0.4409



17.3961, 0.1893, 0.5487



17.3961, 0.0974, 0.1387

Rectangle

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



17.3961, 0.3968, 0.1960



17.3961, 0.6037, 0.3191



17.3961, 0.1893, 0.5487



17.3961, 0.0895, 0.2304

Sweetspot

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



17.3970, 0.3968, 0.1960



59.3527, 0.3310, 0.2714



5.7141, 0.1622, 0.0668



11.7874, 0.3343, 0.2632



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.



17.3970, 0.3968, 0.1960



25.0419, 0.3977, 0.1965



15.0596, 0.5898, 0.3024



13.2165, 0.3176, 0.3116



10.5468, 0.3956, 0.1953



0.6967, 0.3808, 0.1871

Inverse Universe

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



17.3970, 0.3968, 0.1960



25.0419, 0.3977, 0.1965



52.1227, 0.2496, 0.4186



13.2165, 0.3176, 0.3116



10.5468, 0.3956, 0.1953



0.6967, 0.3808, 0.1871

Previews

White Background



This preview shows how the Yxy color 17.3961, 0.3968, 0.1960 looks on a white background.

Color Contrast Check

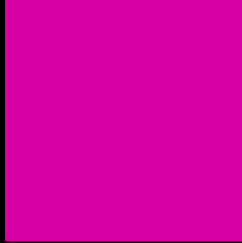
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3961, 0.3968, 0.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

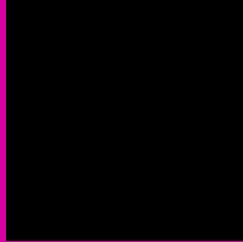
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3961, 0.3968, 0.1960

Background



This preview shows how black text looks on a background with the Yxy color 17.3961, 0.3968, 0.1960.



This preview shows how white text looks on a background with the Yxy color 17.3961, 0.3968, 0.1960.

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

17.3961, 0.3968, 0.1960

Protanopia

18.3963, 0.1820, 0.1549

Deuteranopia

18.0728, 0.2672, 0.2633



Tritanopia

17.7737, 0.5410, 0.3268

Trichromacy



Original Color

17.3961, 0.3968, 0.1960



Protanomaly

12.3959, 0.2131, 0.1340



Deuteranomaly

13.6874, 0.3087, 0.2027



Tritanomaly

16.6913, 0.4981, 0.2714

Monochromacy



Original Color

17.3961, 0.3968, 0.1960



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.7361, 0.3530, 0.2232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3961, 0.3968, 0.1960 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 163) }
```

Border

The CSS property to change the border of an element to Yxy 17.3961, 0.3968, 0.1960 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, 163) }
```

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

```
.border{ border-color:rgb(217, 0, 163) }
```

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, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3961, 0.3968, 0.1960 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, 163) }
```

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

```
.background{ background-color: rgb(217, 0,  
163) }
```

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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