

Converting Colors

$Yxy(17.0281, 0.4128, 0.2048)$

Have a look what the booklet for
Yxy(17.0281, 0.4128, 0.2048)
contains.

| | |
|--|----|
| Yxy(17.0516, 0.4139, 0.2054) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(17.0516, 0.4139, 0.2054)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D90099 |
| RGB | 217, 0, 153 |
| RGB Percent | 85%, 0%, 60% |
| CMY | 0.1491, 0.9993, 0.4001 |
| CMYK | 0.00, 1.00, 0.30, 0.15 |
| HSL | 318°, 100%, 43% |
| HSV | 318°, 100%, 85% |
| XYZ | 34.3606, 17.0516, 31.6044 |
| YIQ | 82.3250, 80.2190, 93.5870 |

Conversions

Conversions Part 2

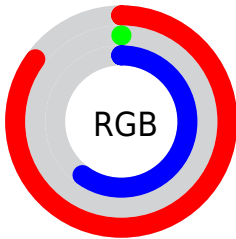
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 217, 0, 153 |
| Decimal | 14221465 |
| CIE _{Lab} | 48.32, 78.92, -21.52 |
| CIE _{LCh} | 48, 81.804, 344.750 |
| Yxy | 17.0516, 0.4139, 0.2054 |
| Android (android.graphics.Color) | 4292411545 (0xFFD90099) |
| YUV | 82.3250, 34.8428, 118.1100 |
| Hunter-Lab | 41.2936, 76.2668, -16.4726 |

Details

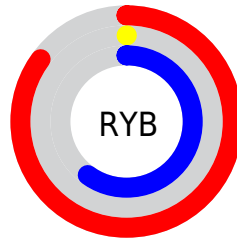
The Yxy color **17.0516, 0.4139, 0.2054** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **49.9933, 0.2895, 0.5623**, and the grayscale version is **8.4421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6428, 0.3686, 0.2194**, and **8.1274, 0.4323, 0.2155** is the 20% darker color. If you saturate the color by 10%, you get **17.0473, 0.4140, 0.2054**, and if you desaturate by 10%, it is **17.8350, 0.4018, 0.2036**.

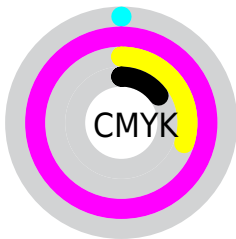
Distribution



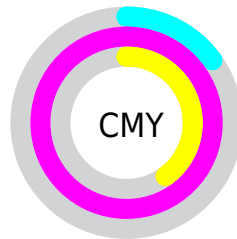
- Red (85%)
- Green (0%)
- Blue (60%)



- Red (85%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0516, 0.4139, 0.2054 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 17.0516, 0.4139, 0.2054 by changing the saturation by 10% instead.


 17.0516, 0.4139,
0.2054


 17.0516, 0.4139,
0.2054


235.4696, 0.3591,
0.2699


 10.2713, 0.4289,
0.1888


 38.4145, 0.3930,
0.2293


 5.5792, 0.4490,
0.1674


 53.7658, 0.3854,
0.2381


 2.5909, 0.4768,
0.1391


 72.7430, 0.3791,
0.2456

 0.9221, 0.5175,
0.1011

 95.7303, 0.3739,
0.2519

 0.0000, 0.6117,
0.0000

 123.1123, 0.3693,
0.2573

 0.0000, 0.8780,
0.0000

 155.2732, 0.3655,

 0.0000, 0.0000,

0.2621

0.0000

192.5975, 0.3621,
0.2662

■ 17.0516, 0.4139,
0.2054

■ 17.0516, 0.4139,
0.2054

■ 17.0473, 0.4140,
0.2054

■ 17.8350, 0.4018,
0.2036

■ 19.2643, 0.3893,
0.2063

■ 21.5467, 0.3768,
0.2137

■ 24.7986, 0.3646,
0.2254

■ 29.1179, 0.3532,
0.2403

■ 34.5907, 0.3428,
0.2573

■ 41.2941, 0.3336,
0.2754

■ 49.2987, 0.3255,
0.2937

■ 58.6695, 0.3186,
0.3118

Harmonies

Analogous

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



17.0516, 0.2565, 0.1532



17.0516, 0.4139, 0.2054



17.0516, 0.5604, 0.2777

Triad

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



17.0516, 0.4139, 0.2054



17.0516, 0.4250, 0.5652



17.0516, 0.0888, 0.1891

Complementary

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



17.0516, 0.4139, 0.2054



49.9933, 0.2895, 0.5623

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.



17.0516, 0.1094, 0.3153



17.0516, 0.4139, 0.2054



17.0516, 0.2972, 0.6288

Square

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



17.0516, 0.4139, 0.2054



17.0516, 0.5388, 0.4530



17.0516, 0.1814, 0.5214



17.0516, 0.1035, 0.1388

Rectangle

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



17.0516, 0.4139, 0.2054



17.0516, 0.6006, 0.3295



17.0516, 0.1814, 0.5214



17.0516, 0.0912, 0.2206

Sweetspot

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



17.0525, 0.4139, 0.2054



59.1498, 0.3339, 0.2747



6.0240, 0.1674, 0.0696



11.7387, 0.3377, 0.2669



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.



17.0525, 0.4139, 0.2054



24.5435, 0.4150, 0.2060



14.9600, 0.6050, 0.3107



13.2059, 0.3183, 0.3127



10.3401, 0.4123, 0.2045



0.6847, 0.3939, 0.1944

Inverse Universe

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



17.0525, 0.4139, 0.2054



24.5435, 0.4150, 0.2060



52.5237, 0.2447, 0.4007



13.2059, 0.3183, 0.3127



10.3401, 0.4123, 0.2045



0.6847, 0.3939, 0.1944

Previews

White Background



This preview shows how the Yxy color 17.0516, 0.4139, 0.2054 looks on a white background.

Color Contrast Check

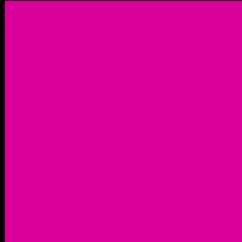
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0516, 0.4139, 0.2054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

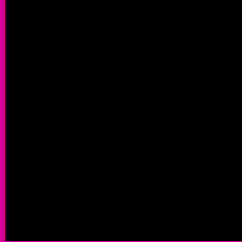
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0516, 0.4139, 0.2054

Background



This preview shows how black text looks on a background with the Yxy color 17.0516, 0.4139, 0.2054.



This preview shows how white text looks on a background with the Yxy color 17.0516, 0.4139, 0.2054.

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

17.0516, 0.4139, 0.2054

Protanopia

17.8643, 0.1914, 0.1669

Deuteranopia

17.6626, 0.2813, 0.2753



Tritanopia

17.4395, 0.5508, 0.3270

Trichromacy



Original Color

17.0516, 0.4139, 0.2054



Protanomaly

12.3813, 0.2316, 0.1469



Deuteranomaly

13.5471, 0.3255, 0.2141



Tritanomaly

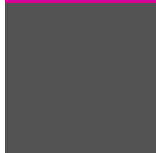
16.3769, 0.5104, 0.2764

Monochromacy



Original Color

17.0516, 0.4139, 0.2054



Achromatopsia

8.4376, 0.3127, 0.3290



Achromatomaly

8.3640, 0.3617, 0.2275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0516, 0.4139, 0.2054 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, 153)` looks like.

```
.text, #text, p{  
  color:rgb(217, 0, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 153) }
```

Border

The CSS property to change the border of an element to Yxy 17.0516, 0.4139, 0.2054 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, 153) }
```

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

```
.border{ border-color:rgb(217, 0, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0516, 0.4139, 0.2054 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, 153) }
```

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

```
.background{ background-color: rgb(217, 0,  
153) }
```

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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