

Converting Colors

$Y_{xy}(14.3248, 0.4494, 0.2249)$

Have a look what the booklet for
Yxy(14.3248, 0.4494, 0.2249)
contains.

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Color

Yxy(14.3180, 0.4499, 0.2252)

Conversions

Conversions Part 1

Format	Color
Hex	CC007D
RGB	204, 0, 125
RGB Percent	80%, 0%, 49%
CMY	0.2000, 1.0000, 0.5098
CMYK	0.00, 1.00, 0.39, 0.20
HSL	323°, 100%, 40%
HSV	323°, 100%, 80%
XYZ	28.6042, 14.3180, 20.6568
YIQ	75.2460, 81.4590, 82.1230

Conversions

Conversions Part 2

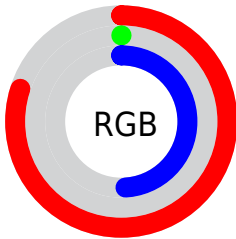
Format	Color
RYB	204, 0, 125
Decimal	13369469
CIELab	44.69, 73.49, -10.29
CIELCh	45, 74.210, 352.029
Yxy	14.3180, 0.4499, 0.2252
Android (android.graphics.Color)	4291559549 (0xFFCC007D)
YUV	75.2460, 24.5287, 112.9173
Hunter-Lab	37.8391, 68.7173, -5.8797

Details

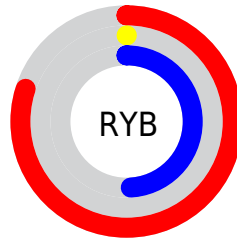
The Yxy color **14.3180, 0.4499, 0.2252** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **43.7527, 0.2827, 0.5376**, and the grayscale version is **7.0280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.6191, 0.4068, 0.2434**, and **6.4511, 0.4803, 0.2419** is the 20% darker color. If you saturate the color by 10%, you get **14.3185, 0.4499, 0.2252**, and if you desaturate by 10%, it is **15.0436, 0.4326, 0.2214**.

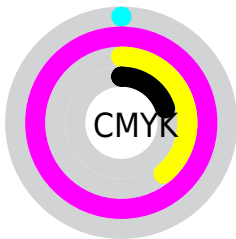
Distribution



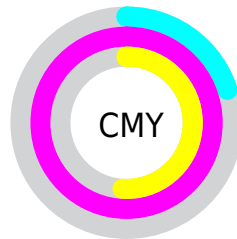
- Red (80%)
- Green (0%)
- Blue (49%)



- Red (80%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3180, 0.4499, 0.2252 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 14.3180, 0.4499, 0.2252 by changing the saturation by 10% instead.


 14.3180, 0.4499,
0.2252


 14.3180, 0.4499,
0.2252


219.2002, 0.3709,
0.2829


 8.3422, 0.4737,
0.2088


 33.6522, 0.4183,
0.2476


 4.3147, 0.5069,
0.1866


 47.7794, 0.4074,
0.2556


 1.8511, 0.5561,
0.1554

 65.3925, 0.3985,
0.2622

 0.5187, 0.6401,
0.1015

 86.8758, 0.3911,
0.2677

 0.0000, 0.9428,
0.0000

 112.6139, 0.3848,
0.2724

 0.0000, 1.0000,
0.0000

 142.9911, 0.3795,

 0.0000, 0.0000,

0.2764

0.0000

178.3917, 0.3749,
0.2799

■ 14.3180, 0.4499,
0.2252

■ 14.3180, 0.4499,
0.2252

■ 14.3185, 0.4499,
0.2252

■ 15.0436, 0.4326,
0.2214

■ 16.3280, 0.4149,
0.2222

■ 18.3586, 0.3973,
0.2280

■ 21.2351, 0.3805,
0.2380

■ 25.0419, 0.3650,
0.2511

■ 29.8530, 0.3512,
0.2661

■ 35.7350, 0.3392,
0.2821

■ 42.7485, 0.3288,
0.2982

■ 50.9498, 0.3201,
0.3140

Harmonies

Analogous

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



14.3180, 0.2918, 0.1676



14.3180, 0.4499, 0.2252



14.3180, 0.5724, 0.2989

Triad

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



14.3180, 0.4499, 0.2252



14.3180, 0.3946, 0.5819



14.3180, 0.0944, 0.1766

Complementary

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



14.3180, 0.4499, 0.2252



43.7527, 0.2827, 0.5376

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.



14.3180, 0.1060, 0.2786



14.3180, 0.4499, 0.2252



14.3180, 0.2712, 0.6099

Square

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



14.3180, 0.4499, 0.2252



14.3180, 0.5119, 0.4797



14.3180, 0.1642, 0.4648



14.3180, 0.1168, 0.1386

Rectangle

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



14.3180, 0.4499, 0.2252



14.3180, 0.5930, 0.3515



14.3180, 0.1642, 0.4648



14.3180, 0.0942, 0.2016

Sweetspot

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



14.3188, 0.4499, 0.2252



58.7566, 0.3396, 0.2815



5.9886, 0.1812, 0.0772



11.6447, 0.3446, 0.2746



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.



14.3188, 0.4499, 0.2252



23.6683, 0.4520, 0.2264



12.9034, 0.6268, 0.3226



11.3272, 0.3196, 0.3149



9.0305, 0.4476, 0.2239



0.4805, 0.4165, 0.2068

Inverse Universe

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



14.3188, 0.4499, 0.2252



23.6683, 0.4520, 0.2264



46.4916, 0.2350, 0.3660



11.3272, 0.3196, 0.3149



9.0305, 0.4476, 0.2239



0.4805, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 14.3180, 0.4499, 0.2252 looks on a white background.

Color Contrast Check

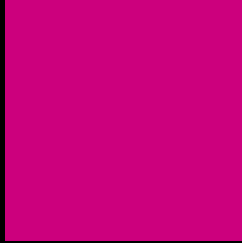
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3180, 0.4499, 0.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

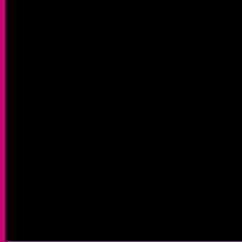
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3180, 0.4499, 0.2252

Background



This preview shows how black text looks on a background with the Yxy color 14.3180, 0.4499, 0.2252.



This preview shows how white text looks on a background with the Yxy color 14.3180, 0.4499, 0.2252.

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

14.3180, 0.4499, 0.2252

Protanopia

15.1824, 0.2153, 0.1989

Deuteranopia

15.0089, 0.3124, 0.3069



Tritanopia

14.7150, 0.5688, 0.3280

Trichromacy



Original Color

14.3180, 0.4499, 0.2252



Protanomaly

10.8026, 0.2700, 0.1760



Deuteranomaly

11.5493, 0.3643, 0.2422



Tritanomaly

13.9475, 0.5359, 0.2880

Monochromacy



Original Color

14.3180, 0.4499, 0.2252



Achromatopsia

7.0360, 0.3127, 0.3290



Achromatomaly

7.0418, 0.3783, 0.2409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3180, 0.4499, 0.2252 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, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 125)  
}
```

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, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 125) }
```

Border

The CSS property to change the border of an element to Yxy 14.3180, 0.4499, 0.2252 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, 0, 125) }
```

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

```
.border{ border-color:rgb(204, 0, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3180, 0.4499, 0.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 125) }
```

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

```
.background{ background-color: rgb(204, 0,  
125) }
```

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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