

Converting Colors

$Yxy(14.0304, 0.4279, 0.2131)$

Have a look what the booklet for
Yxy(14.0304, 0.4279, 0.2131)
contains.

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Color

Yxy(14.0006, 0.4268, 0.2125)

Conversions

Conversions Part 1

Format	Color
Hex	C80086
RGB	200, 0, 134
RGB Percent	78%, 0%, 53%
CMY	0.2157, 0.9996, 0.4746
CMYK	0.00, 1.00, 0.33, 0.22
HSL	320°, 100%, 39%
HSV	320°, 100%, 78%
XYZ	28.1198, 14.0006, 23.7648
YIQ	75.0760, 76.1860, 84.0740

Conversions

Conversions Part 2

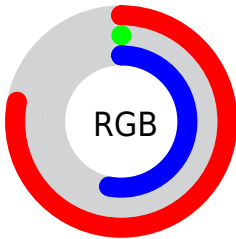
Format	Color
RYB	200, 0, 134
Decimal	13107334
CIELab	44.23, 73.54, -16.57
CIElCh	44, 75.381, 347.305
Yxy	14.0006, 0.4268, 0.2125
Android (android.graphics.Color)	4291297414 (0xFFC80086)
YUV	75.0760, 29.0495, 109.5583
Hunter-Lab	37.4174, 68.6654, -11.4645

Details

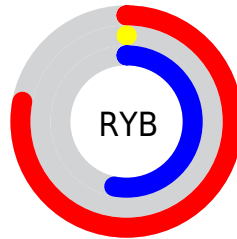
The Yxy color **14.0006, 0.4268, 0.2125** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **41.7013, 0.2869, 0.5529**, and the grayscale version is **6.9980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8273, 0.3953, 0.2343**, and **6.2155, 0.4504, 0.2255** is the 20% darker color. If you saturate the color by 10%, you get **13.9980, 0.4269, 0.2125**, and if you desaturate by 10%, it is **14.6932, 0.4127, 0.2102**.

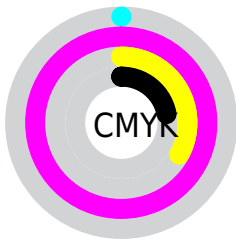
Distribution



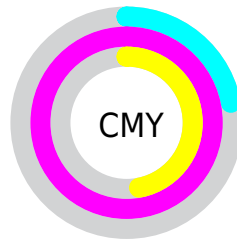
- Red (78%)
- Green (0%)
- Blue (53%)



- Red (78%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0006, 0.4268, 0.2125 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 14.0006, 0.4268, 0.2125 by changing the saturation by 10% instead.


 14.0006, 0.4268,
0.2125


 14.0006, 0.4268,
0.2125


217.2346, 0.3622,
0.2760


 8.1211, 0.4458,
0.1951


 33.0901, 0.4013,
0.2368


 4.1725, 0.4720,
0.1720


 47.0689, 0.3923,
0.2455

 1.7705, 0.5103,
0.1403

 64.5162, 0.3850,
0.2528


 0.4687, 0.5763,
0.0855

 85.8164, 0.3789,
0.2589

 0.0000, 0.7278,
0.0000

 111.3540, 0.3738,
0.2641

 0.0000, 1.0000,
0.0000

 141.5132, 0.3693,

 0.0000, 0.0000,

0.2686

0.0000

176.6786, 0.3655,
0.2725

■ 14.0006, 0.4268,
0.2125

■ 14.0006, 0.4268,
0.2125

■ 13.9980, 0.4269,
0.2125

■ 14.6932, 0.4127,
0.2102

■ 15.9158, 0.3984,
0.2123

■ 17.8476, 0.3841,
0.2193

■ 20.5834, 0.3703,
0.2304

■ 24.2032, 0.3574,
0.2446

■ 28.7774, 0.3458,
0.2609

■ 34.3692, 0.3356,
0.2781

■ 41.0362, 0.3267,
0.2956

■ 48.8320, 0.3191,
0.3127

Harmonies

Analogous

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



14.0006, 0.2689, 0.1583



14.0006, 0.4268, 0.2125



14.0006, 0.5650, 0.2853

Triad

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



14.0006, 0.4268, 0.2125



14.0006, 0.4151, 0.5726



14.0006, 0.0909, 0.1845

Complementary

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



14.0006, 0.4268, 0.2125



41.7013, 0.2869, 0.5529

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.



14.0006, 0.1082, 0.3015



14.0006, 0.4268, 0.2125



14.0006, 0.2882, 0.6230

Square

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



14.0006, 0.4268, 0.2125



14.0006, 0.5303, 0.4634



14.0006, 0.1753, 0.5009



14.0006, 0.1082, 0.1388

Rectangle

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



14.0006, 0.4268, 0.2125



14.0006, 0.5981, 0.3374



14.0006, 0.1753, 0.5009



14.0006, 0.0923, 0.2135

Sweetspot

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



14.0014, 0.4268, 0.2125



58.9983, 0.3360, 0.2773



5.2424, 0.1719, 0.0721



11.7024, 0.3403, 0.2698



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.



14.0014, 0.4268, 0.2125



24.1917, 0.4287, 0.2135



12.4129, 0.6127, 0.3149



10.7547, 0.3187, 0.3136



8.9182, 0.4250, 0.2115



0.4353, 0.3981, 0.1967

Inverse Universe

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



14.0014, 0.4268, 0.2125



24.1917, 0.4287, 0.2135



43.9633, 0.2413, 0.3886



10.7547, 0.3187, 0.3136



8.9182, 0.4250, 0.2115



0.4353, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 14.0006, 0.4268, 0.2125 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 14.0006, 0.4268, 0.2125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

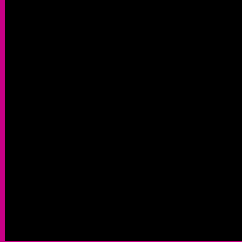
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0006, 0.4268, 0.2125

Background



This preview shows how black text looks on a background with the Yxy color 14.0006, 0.4268, 0.2125.



This preview shows how white text looks on a background with the Yxy color 14.0006, 0.4268, 0.2125.

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

14.0006, 0.4268, 0.2125

Protanopia

14.7860, 0.2002, 0.1790

Deuteranopia

14.5694, 0.2918, 0.2866



Tritanopia

14.4241, 0.5561, 0.3278

Trichromacy



Original Color

14.0006, 0.4268, 0.2125



Protanomaly

10.3761, 0.2457, 0.1579



Deuteranomaly

11.1177, 0.3391, 0.2240



Tritanomaly

13.6545, 0.5190, 0.2813

Monochromacy



Original Color

14.0006, 0.4268, 0.2125



Achromatopsia

7.0360, 0.3127, 0.3290



Achromatomaly

6.9515, 0.3675, 0.2341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0006, 0.4268, 0.2125 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(200, 0, 134)` looks like.

```
.text, #text, p{  
    color:rgb(200, 0, 134)  
}
```

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(200, 0, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 0, 134) }
```

Border

The CSS property to change the border of an element to Yxy 14.0006, 0.4268, 0.2125 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(200, 0, 134) }
```

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

```
.border{ border-color:rgb(200, 0, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 0, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 0, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 0, 134);  
box-shadow:4px 4px 4px 4px rgb(200, 0,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0006, 0.4268, 0.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 0, 134) }
```

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

```
.background{ background-color: rgb(200, 0,  
134) }
```

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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