

Converting Colors

$Y_{xy}(14.0238, 0.4382, 0.2232)$

Have a look what the booklet for
Yxy(14.0238, 0.4382, 0.2232)
contains.

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Color

Yxy(14.0450, 0.4379, 0.2231)

Conversions

Conversions Part 1

Format	Color
Hex	C7107F
RGB	199, 16, 127
RGB Percent	78%, 6%, 50%
CMY	0.2197, 0.9370, 0.5019
CMYK	0.00, 0.92, 0.36, 0.22
HSL	324°, 85%, 42%
HSV	324°, 92%, 78%
XYZ	27.5675, 14.0450, 21.3413
YIQ	83.3710, 73.4370, 73.3170

Conversions

Conversions Part 2

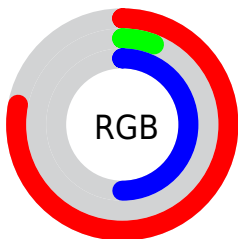
Format	Color
R_{YB}	199, 16, 127
Decimal	13045887
CIE Lab	44.30, 71.07, -12.22
CIE LCh	44, 72.110, 350.247
Yxy	14.0450, 0.4379, 0.2231
Android (android.graphics.Color)	4291235967 (0xFFC7107F)
YUV	83.3710, 21.5091, 101.4066
Hunter-Lab	37.4767, 65.7188, -7.5294

Details

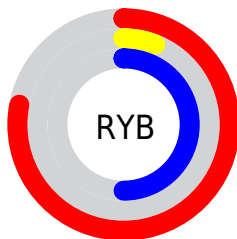
The Yxy color **14.0450, 0.4379, 0.2231** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **41.6572, 0.2794, 0.5197**, and the grayscale version is **8.6822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2096, 0.4035, 0.2438**, and **6.0390, 0.4660, 0.2341** is the 20% darker color. If you saturate the color by 10%, you get **13.5133, 0.4522, 0.2265**, and if you desaturate by 10%, it is **15.1453, 0.4199, 0.2228**.

Distribution



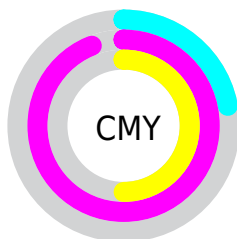
- Red (78%)
- Green (6%)
- Blue (50%)



- Red (78%)
- Yellow (6%)
- Blue (50%)



- Cyan (0%)
- Magenta (92%)
- Yellow (36%)
- Black (22%)




- Cyan (22%)
- Magenta (94%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0450, 0.4379, 0.2231 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 14.0450, 0.4379, 0.2231 by changing the saturation by 10% instead.


 14.0450, 0.4379,
0.2231


 14.0450, 0.4379,
0.2231


217.5106, 0.3660,
0.2818


 8.1520, 0.4595,
0.2065


 33.1689, 0.4092,
0.2458


 4.1923, 0.4898,
0.1842


 47.1685, 0.3992,
0.2540

 1.7817, 0.5347,
0.1528

 64.6391, 0.3911,
0.2606

 0.4757, 0.6137,
0.0963

 85.9650, 0.3843,
0.2662

 0.0000, 0.8754,
0.0000

 111.5308, 0.3787,
0.2710

 0.0000, 1.0000,
0.0000

 141.7207, 0.3738,

 0.0000, 0.0000,

0.2751

0.0000

176.9192, 0.3696,
0.2786

■ 14.0450, 0.4379,
0.2231

■ 14.0450, 0.4379,
0.2231

■ 13.5133, 0.4522,
0.2265

■ 15.1453, 0.4199,
0.2228

■ 16.9294, 0.4019,
0.2276

■ 19.4957, 0.3846,
0.2368

■ 22.9256, 0.3686,
0.2493

■ 27.2905, 0.3543,
0.2639

■ 32.6540, 0.3417,
0.2795

■ 39.0743, 0.3309,
0.2955

■ 46.6050, 0.3218,
0.3112

■ 55.2961, 0.3140,
0.3262

Harmonies

Analogous

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



14.0450, 0.2842, 0.1674



14.0450, 0.4379, 0.2231



14.0450, 0.5628, 0.2958

Triad

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



14.0450, 0.4379, 0.2231



14.0450, 0.4022, 0.5729



14.0450, 0.0970, 0.1834

Complementary

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



14.0450, 0.4379, 0.2231



41.6572, 0.2794, 0.5197

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.



14.0450, 0.1111, 0.2889



14.0450, 0.4379, 0.2231



14.0450, 0.2804, 0.6059

Square

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



14.0450, 0.4379, 0.2231



14.0450, 0.5152, 0.4723



14.0450, 0.1725, 0.4733



14.0450, 0.1172, 0.1425

Rectangle

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



14.0450, 0.4379, 0.2231



14.0450, 0.5884, 0.3479



14.0450, 0.1725, 0.4733



14.0450, 0.0975, 0.2095

Sweetspot

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



14.0458, 0.4379, 0.2231



60.9159, 0.3377, 0.2852



6.4831, 0.1904, 0.0860



12.0499, 0.3427, 0.2782



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.



14.0458, 0.4379, 0.2231



23.6152, 0.4546, 0.2278



12.6493, 0.6067, 0.3188



10.7432, 0.3197, 0.3151



8.7082, 0.4499, 0.2252



0.4263, 0.4161, 0.2066

Inverse Universe

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



14.0458, 0.4379, 0.2231



23.6152, 0.4546, 0.2278



44.1521, 0.2352, 0.3627



10.7432, 0.3197, 0.3151



8.7082, 0.4499, 0.2252



0.4263, 0.4161, 0.2066

Previews

White Background



This preview shows how the Yxy color 14.0450, 0.4379, 0.2231 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 14.0450, 0.4379, 0.2231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

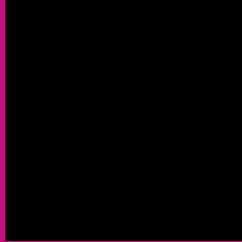
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0450, 0.4379, 0.2231

Background



This preview shows how black text looks on a background with the Yxy color 14.0450, 0.4379, 0.2231.



This preview shows how white text looks on a background with the Yxy color 14.0450, 0.4379, 0.2231.

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

14.0450, 0.4379, 0.2231

Protanopia

14.6518, 0.2112, 0.1932

Deuteranopia

14.3880, 0.3044, 0.2985



Tritanopia

14.1917, 0.5577, 0.3278

Trichromacy



Original Color

14.0450, 0.4379, 0.2231



Protanomaly

11.1299, 0.2618, 0.1781



Deuteranomaly

11.7266, 0.3533, 0.2432



Tritanomaly

13.7809, 0.5216, 0.2878

Monochromacy



Original Color

14.0450, 0.4379, 0.2231



Achromatopsia

8.6500, 0.3127, 0.3290



Achromatomaly

8.3888, 0.3670, 0.2509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0450, 0.4379, 0.2231 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(199, 16, 127)` looks like.

```
.text, #text, p{  
    color:rgb(199, 16, 127)  
}
```

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(199, 16, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 16, 127) }
```

Border

The CSS property to change the border of an element to Yxy 14.0450, 0.4379, 0.2231 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(199, 16, 127) }
```

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

```
.border{ border-color:rgb(199, 16, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 16, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 16, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 16, 127);  
box-shadow:4px 4px 4px 4px rgb(199, 16,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0450, 0.4379, 0.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 16, 127) }
```

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

```
.background{ background-color: rgb(199, 16,  
127) }
```

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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