

Converting Colors

$Y_{xy}(14.7299, 0.4207, 0.2091)$

Have a look what the booklet for
Yxy(14.7299, 0.4207, 0.2091)
contains.

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Color

Yxy(14.7308, 0.4206, 0.2091)

Conversions

Conversions Part 1

Format	Color
Hex	CC008C
RGB	204, 0, 140
RGB Percent	80%, 0%, 55%
CMY	0.2001, 0.9993, 0.4510
CMYK	0.00, 1.00, 0.31, 0.20
HSL	319°, 100%, 40%
HSV	319°, 100%, 80%
XYZ	29.6307, 14.7308, 26.0871
YIQ	76.9560, 76.6440, 86.7880

Conversions

Conversions Part 2

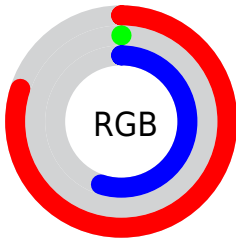
Format	Color
RYB	204, 0, 140
Decimal	13369484
CIELab	45.26, 74.96, -18.59
CIElCh	45, 77.235, 346.071
Yxy	14.7308, 0.4206, 0.2091
Android (android.graphics.Color)	4291559564 (0xFFCC008C)
YUV	76.9560, 31.0807, 111.4176
Hunter-Lab	38.3807, 70.6393, -13.4325

Details

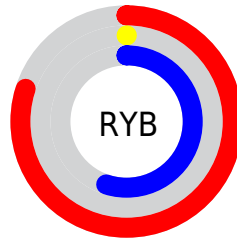
The Yxy color **14.7308, 0.4206, 0.2091** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **43.5499, 0.2881, 0.5571**, and the grayscale version is **7.3627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2998, 0.3862, 0.2287**, and **6.6675, 0.4409, 0.2203** is the 20% darker color. If you saturate the color by 10%, you get **14.7260, 0.4207, 0.2091**, and if you desaturate by 10%, it is **15.4432, 0.4074, 0.2071**.

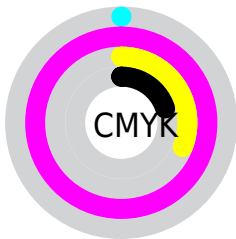
Distribution



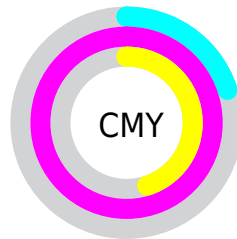
- Red (80%)
- Green (0%)
- Blue (55%)



- Red (80%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7308, 0.4206, 0.2091 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 14.7308, 0.4206, 0.2091 by changing the saturation by 10% instead.


 14.7308, 0.4206,
0.2091


 14.7308, 0.4206,
0.2091

221.7310, 0.3603,
0.2735


 8.6307, 0.4379,
0.1918


 34.3802, 0.3971,
0.2335


 4.5011, 0.4615,
0.1691


 48.6983, 0.3887,
0.2424


 1.9576, 0.4954,
0.1383

 66.5245, 0.3819,
0.2497

 0.5827, 0.5499,
0.0911

 88.2432, 0.3762,
0.2560

 0.0000, 0.6628,
0.0000

 114.2388, 0.3713,
0.2613

 0.0000, 1.0000,
0.0000

 144.8957, 0.3671,

 0.0000, 0.0000,

0.2659

0.0000

180.5983, 0.3635,
0.2700

■ 14.7308, 0.4206,
0.2091

■ 14.7308, 0.4206,
0.2091

■ 14.7260, 0.4207,
0.2091

■ 15.4432, 0.4074,
0.2071

■ 16.7121, 0.3940,
0.2096

■ 18.7225, 0.3805,
0.2168

■ 21.5738, 0.3675,
0.2282

■ 25.3501, 0.3554,
0.2427

■ 30.1251, 0.3443,
0.2593

■ 35.9650, 0.3346,
0.2769

■ 42.9306, 0.3261,
0.2948

■ 51.0777, 0.3188,
0.3123

Harmonies

Analogous

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



14.7308, 0.2629, 0.1559



14.7308, 0.4206, 0.2091



14.7308, 0.5628, 0.2816

Triad

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



14.7308, 0.4206, 0.2091



14.7308, 0.4202, 0.5695



14.7308, 0.0899, 0.1867

Complementary

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



14.7308, 0.4206, 0.2091



43.5499, 0.2881, 0.5571

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.



14.7308, 0.1088, 0.3081



14.7308, 0.4206, 0.2091



14.7308, 0.2926, 0.6259

Square

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



14.7308, 0.4206, 0.2091



14.7308, 0.5346, 0.4587



14.7308, 0.1783, 0.5107



14.7308, 0.1060, 0.1388

Rectangle

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



14.7308, 0.4206, 0.2091



14.7308, 0.5993, 0.3336



14.7308, 0.1783, 0.5107



14.7308, 0.0918, 0.2169

Sweetspot

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



14.7316, 0.4206, 0.2091



59.0684, 0.3350, 0.2761



5.3649, 0.1697, 0.0709



11.7192, 0.3391, 0.2685



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.



14.7316, 0.4206, 0.2091



24.3523, 0.4223, 0.2100



12.9983, 0.6086, 0.3127



11.3414, 0.3185, 0.3132



9.2882, 0.4190, 0.2082



0.4925, 0.3953, 0.1951

Inverse Universe

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



14.7316, 0.4206, 0.2091



24.3523, 0.4223, 0.2100



45.8300, 0.2429, 0.3945



11.3414, 0.3185, 0.3132



9.2882, 0.4190, 0.2082



0.4925, 0.3953, 0.1951

Previews

White Background



This preview shows how the Yxy color 14.7308, 0.4206, 0.2091 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 14.7308, 0.4206, 0.2091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

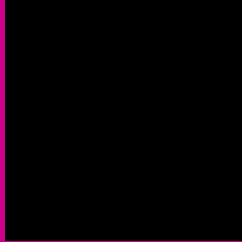
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7308, 0.4206, 0.2091

Background



This preview shows how black text looks on a background with the Yxy color 14.7308, 0.4206, 0.2091.



This preview shows how white text looks on a background with the Yxy color 14.7308, 0.4206, 0.2091.

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

14.7308, 0.4206, 0.2091

Protanopia

15.5350, 0.1961, 0.1728

Deuteranopia

15.4053, 0.2864, 0.2817



Tritanopia

15.0436, 0.5522, 0.3268

Trichromacy



Original Color

14.7308, 0.4206, 0.2091



Protanomaly

10.9260, 0.2390, 0.1532



Deuteranomaly

11.7848, 0.3338, 0.2201



Tritanomaly

14.1860, 0.5138, 0.2784

Monochromacy



Original Color

14.7308, 0.4206, 0.2091



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.3277, 0.3642, 0.2307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7308, 0.4206, 0.2091 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 140) }
```

Border

The CSS property to change the border of an element to Yxy 14.7308, 0.4206, 0.2091 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, 140) }
```

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

```
.border{ border-color:rgb(204, 0, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7308, 0.4206, 0.2091 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, 140) }
```

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

```
.background{ background-color: rgb(204, 0,  
140) }
```

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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