

Converting Colors

$Y_{xy}(17.3354, 0.4109, 0.2254)$

Have a look what the booklet for
Yxy(17.3354, 0.4109, 0.2254)
contains.

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Color

Yxy(17.3321, 0.4103, 0.2251)

Conversions

Conversions Part 1

Format	Color
Hex	CE3190
RGB	206, 49, 144
RGB Percent	81%, 19%, 56%
CMY	0.1921, 0.8080, 0.4352
CMYK	0.00, 0.76, 0.30, 0.19
HSL	324°, 62%, 50%
HSV	324°, 76%, 81%
XYZ	31.5920, 17.3321, 28.0732
YIQ	106.7730, 63.0770, 62.8290

Conversions

Conversions Part 2

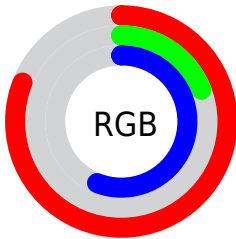
Format	Color
R_{YB}	206, 49, 144
Decimal	13513104
CIE _{Lab}	48.68, 67.58, -15.78
CIE _{LCh}	49, 69.395, 346.853
Yxy	17.3321, 0.4103, 0.2251
Android (android.graphics.Color)	4291703184 (0xFFCE3190)
YUV	106.7730, 18.3529, 87.0221
Hunter-Lab	41.6318, 62.5977, -10.8382

Details

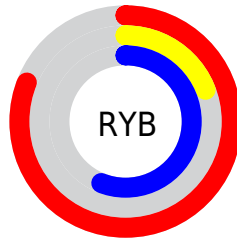
The Yxy color **17.3321, 0.4103, 0.2251** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **45.9533, 0.2768, 0.4853**, and the grayscale version is **14.5683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4891, 0.3776, 0.2417**, and **7.0112, 0.4355, 0.2173** is the 20% darker color. If you saturate the color by 10%, you get **15.7473, 0.4285, 0.2226**, and if you desaturate by 10%, it is **19.7235, 0.3925, 0.2325**.

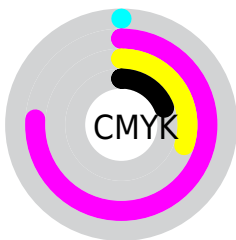
Distribution



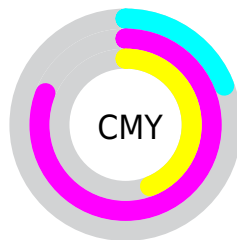
- Red (81%)
- Green (19%)
- Blue (56%)



- Red (81%)
- Yellow (19%)
- Blue (56%)



- Cyan (0%)
- Magenta (76%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (81%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3321, 0.4103, 0.2251 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 17.3321, 0.4103, 0.2251 by changing the saturation by 10% instead.


 17.3321, 0.4103,
0.2251


 17.3321, 0.4103,
0.2251


237.0790, 0.3563,
0.2806

 10.4716, 0.4256,
0.2102


 38.8959, 0.3893,
0.2461


 5.7127, 0.4465,
0.1905


 54.3679, 0.3819,
0.2537


 2.6712, 0.4764,
0.1637

 73.4793, 0.3757,
0.2601

 0.9626, 0.5220,
0.1256

 96.6143, 0.3706,
0.2655

 0.0000, 0.6434,
0.0000

 124.1573, 0.3662,
0.2701

 0.0000, 1.0000,
0.0000

156.4929, 0.3625,

 0.0000, 0.0000,

0.2741

0.0000

194.0053, 0.3592,
0.2775

■ 17.3321, 0.4103,
0.2251

■ 17.3321, 0.4103,
0.2251

■ 15.7473, 0.4285,
0.2226

■ 19.7235, 0.3925,
0.2325

■ 14.8457, 0.4464,
0.2252

■ 23.0141, 0.3758,
0.2436

■ 14.5980, 0.4531,
0.2270

■ 27.2870, 0.3606,
0.2574

■ 32.6148, 0.3471,
0.2727

■ 39.0634, 0.3355,
0.2886

■ 46.6931, 0.3256,
0.3045

■ 55.5599, 0.3172,
0.3198

■ 65.7163, 0.3102,
0.3344

■ 77.2118, 0.3044,
0.3480

Harmonies

Analogous

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



17.3321, 0.2740, 0.1747



17.3321, 0.4103, 0.2251



17.3321, 0.5301, 0.2938

Triad

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



17.3321, 0.4103, 0.2251



17.3321, 0.4146, 0.5461



17.3321, 0.1110, 0.2045

Complementary

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



17.3321, 0.4103, 0.2251



45.9533, 0.2768, 0.4853

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.



17.3321, 0.1308, 0.3114



17.3321, 0.4103, 0.2251



17.3321, 0.3016, 0.5789

Square

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



17.3321, 0.4103, 0.2251



17.3321, 0.5125, 0.4571



17.3321, 0.1966, 0.4757



17.3321, 0.1265, 0.1585

Rectangle

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



17.3321, 0.4103, 0.2251



17.3321, 0.5638, 0.3440



17.3321, 0.1966, 0.4757



17.3321, 0.1133, 0.2321

Sweetspot

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



17.3330, 0.4103, 0.2251



66.7154, 0.3324, 0.2933



9.9130, 0.2114, 0.1129



13.3716, 0.3363, 0.2875



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.



17.3330, 0.4103, 0.2251



24.5291, 0.4391, 0.2235



15.7275, 0.5489, 0.3130



11.3258, 0.3197, 0.3151



9.0062, 0.4506, 0.2256



0.4793, 0.4187, 0.2080

Inverse Universe

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



17.3330, 0.4103, 0.2251



24.5291, 0.4391, 0.2235



48.4242, 0.2384, 0.3564



11.3258, 0.3197, 0.3151



9.0062, 0.4506, 0.2256



0.4793, 0.4187, 0.2080

Previews

White Background



This preview shows how the Yxy color 17.3321, 0.4103, 0.2251 looks on a white background.

Color Contrast Check

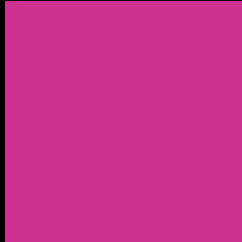
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3321, 0.4103, 0.2251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

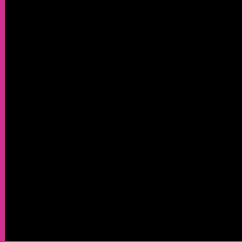
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3321, 0.4103, 0.2251

Background



This preview shows how black text looks on a background with the Yxy color 17.3321, 0.4103, 0.2251.



This preview shows how white text looks on a background with the Yxy color 17.3321, 0.4103, 0.2251.

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

17.3321, 0.4103, 0.2251

Protanopia

17.7746, 0.2170, 0.2003

Deuteranopia

17.6638, 0.2923, 0.2879



Tritanopia

17.4320, 0.5150, 0.3252

Trichromacy



Original Color

17.3321, 0.4103, 0.2251



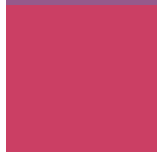
Protanomaly

15.1141, 0.2646, 0.1950



Deuteranomaly

15.6604, 0.3322, 0.2490



Tritanomaly

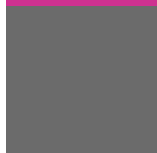
17.1716, 0.4806, 0.2875

Monochromacy



Original Color

17.3321, 0.4103, 0.2251



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

13.8513, 0.3512, 0.2695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3321, 0.4103, 0.2251 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(206, 49, 144)` looks like.

```
.text, #text, p{  
    color:rgb(206, 49, 144)  
}
```

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(206, 49, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 49, 144) }
```

Border

The CSS property to change the border of an element to Yxy 17.3321, 0.4103, 0.2251 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(206, 49, 144) }
```

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

```
.border{ border-color:rgb(206, 49, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 49, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 49, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 49, 144);  
box-shadow:4px 4px 4px 4px rgb(206, 49,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3321, 0.4103, 0.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 49, 144) }
```

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

```
.background{ background-color: rgb(206, 49,  
144) }
```

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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