

Converting Colors

$Yxy(17.0415, 0.3384, 0.1638)$

Have a look what the booklet for
Yxy(17.0415, 0.3384, 0.1638)
contains.

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Color

Yxy(17.1157, 0.3388, 0.1640)

Conversions

Conversions Part 1

Format	Color
Hex	CF00C1
RGB	207, 0, 193
RGB Percent	81%, 0%, 76%
CMY	0.1882, 1.0000, 0.2432
CMYK	0.00, 1.00, 0.07, 0.19
HSL	304°, 100%, 41%
HSV	304°, 100%, 81%
XYZ	35.3585, 17.1157, 51.8898
YIQ	83.8950, 61.4190, 103.9070

Conversions

Conversions Part 2

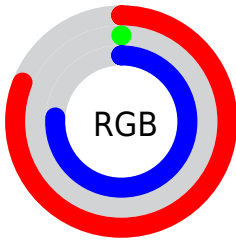
Format	Color
R_{YB}	207, 0, 193
Decimal	13566145
CIE _{Lab}	48.41, 81.99, -45.18
CIE _{LCh}	48, 93.614, 331.146
Yxy	17.1157, 0.3388, 0.1640
Android (android.graphics.Color)	4291756225 (0xFFCF00C1)
YUV	83.8950, 53.7888, 107.9631
Hunter-Lab	41.3711, 80.1586, -45.4048

Details

The Yxy color **17.1157, 0.3388, 0.1640** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **44.6605, 0.2989, 0.5962**, and the grayscale version is **8.7219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9908, 0.3242, 0.1870**, and **8.1600, 0.3365, 0.1627** is the 20% darker color. If you saturate the color by 10%, you get **17.1164, 0.3388, 0.1640**, and if you desaturate by 10%, it is **17.7048, 0.3366, 0.1666**.

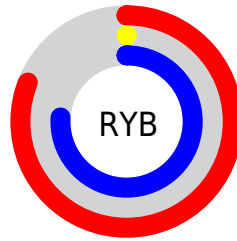
Distribution



Red (81%)

Green (0%)

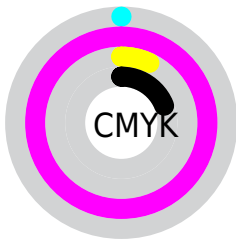
Blue (76%)



Red (81%)

Yellow (0%)

Blue (76%)

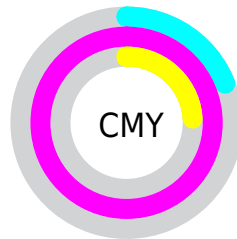


Cyan (0%)

Magenta (100%)

Yellow (7%)

Black (19%)



Cyan (19%)


Magenta (100%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1157, 0.3388, 0.1640 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 17.1157, 0.3388, 0.1640 by changing the saturation by 10% instead.


 17.1157, 0.3388,
0.1640


 17.1157, 0.3388,
0.1640


235.8382, 0.3293,
0.2445


 10.3170, 0.3397,
0.1454


 38.5246, 0.3364,
0.1923


 5.6097, 0.3400,
0.1227


 53.9036, 0.3351,
0.2033


 2.6092, 0.3386,
0.0951


 72.9115, 0.3340,
0.2127

 0.9313, 0.3334,
0.0623

 95.9327, 0.3329,
0.2208

 0.0000, 0.3275,
0.0000

 123.3516, 0.3319,
0.2279

 0.0000, 0.2810,
0.0000

 155.5525, 0.3310,

 0.0000, 0.0000,

0.2341

0.0000

192.9199, 0.3301,
0.2396

■ 17.1157, 0.3388,
0.1640

■ 17.1157, 0.3388,
0.1640

■ 17.1164, 0.3388,
0.1640

■ 17.7048, 0.3366,
0.1666

■ 18.8568, 0.3342,
0.1727

■ 20.7637, 0.3315,
0.1833

■ 23.5285, 0.3287,
0.1979

■ 27.2386, 0.3258,
0.2161

■ 31.9702, 0.3229,
0.2370

■ 37.7921, 0.3200,
0.2595

■ 44.7669, 0.3174,
0.2829

■ 52.9526, 0.3149,
0.3063

Harmonies

Analogous

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



17.1157, 0.1902, 0.1235



17.1157, 0.3388, 0.1640



17.1157, 0.5276, 0.2322

Triad

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



17.1157, 0.3388, 0.1640



17.1157, 0.4822, 0.5178



17.1157, 0.0749, 0.2190

Complementary

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



17.1157, 0.3388, 0.1640



44.6605, 0.2989, 0.5962

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.



17.1157, 0.1143, 0.4129



17.1157, 0.3388, 0.1640



17.1157, 0.3454, 0.6458

Square

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



17.1157, 0.3388, 0.1640



17.1157, 0.5976, 0.4000



17.1157, 0.2132, 0.6411



17.1157, 0.0767, 0.1374

Rectangle

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



17.1157, 0.3388, 0.1640



17.1157, 0.6123, 0.2836



17.1157, 0.2132, 0.6411



17.1157, 0.0823, 0.2687

Sweetspot

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



17.1165, 0.3388, 0.1640



60.1911, 0.3201, 0.2587



4.5972, 0.1518, 0.0610



11.9902, 0.3213, 0.2489



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.



17.1165, 0.3388, 0.1640



27.4179, 0.3390, 0.1641



13.9996, 0.5259, 0.2671



11.9947, 0.3148, 0.3076



10.7890, 0.3385, 0.1639



0.6075, 0.3350, 0.1619

Inverse Universe

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



17.1165, 0.3388, 0.1640



27.4179, 0.3390, 0.1641



45.9203, 0.2663, 0.4788



11.9947, 0.3148, 0.3076



10.7890, 0.3385, 0.1639



0.6075, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 17.1157, 0.3388, 0.1640 looks on a white background.

Color Contrast Check

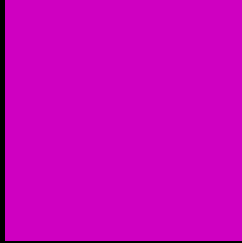
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1157, 0.3388, 0.1640 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 17.1157, 0.3388, 0.1640

Background



This preview shows how black text looks on a background with the Yxy color 17.1157, 0.3388, 0.1640.



This preview shows how white text looks on a background with the Yxy color 17.1157, 0.3388, 0.1640.

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

17.1157, 0.3388, 0.1640

Protanopia

18.0422, 0.1739, 0.1460

Deuteranopia

17.8978, 0.2218, 0.2173



Tritanopia

17.4987, 0.4962, 0.3236

Trichromacy



Original Color

17.1157, 0.3388, 0.1640



Protanomaly

11.4045, 0.1838, 0.1139



Deuteranomaly

12.9895, 0.2500, 0.1615



Tritanomaly

15.7984, 0.4425, 0.2463

Monochromacy



Original Color

17.1157, 0.3388, 0.1640



Achromatopsia

8.8656, 0.3127, 0.3290



Achromatomaly

8.6686, 0.3275, 0.2033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1157, 0.3388, 0.1640 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(207, 0, 193)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 193)  
}
```

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(207, 0, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 193) }
```

Border

The CSS property to change the border of an element to Yxy 17.1157, 0.3388, 0.1640 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(207, 0, 193) }
```

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

```
.border{ border-color:rgb(207, 0, 193) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 193);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1157, 0.3388, 0.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 193) }
```

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

```
.background{ background-color: rgb(207, 0,  
193) }
```

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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