

Converting Colors

$Yxy(15.2091, 0.3213, 0.1546)$

Have a look what the booklet for
Yxy(15.2091, 0.3213, 0.1546)
contains.

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Color

Yxy(15.2094, 0.3209, 0.1543)

Conversions

Conversions Part 1

Format	Color
Hex	C101C1
RGB	193, 1, 193
RGB Percent	76%, 0%, 76%
CMY	0.2431, 0.9962, 0.2431
CMYK	0.00, 1.00, 0.00, 0.24
HSL	300°, 99%, 38%
HSV	300°, 100%, 76%
XYZ	31.6312, 15.2094, 51.7297
YIQ	80.2960, 52.8000, 100.4160

Conversions

Conversions Part 2

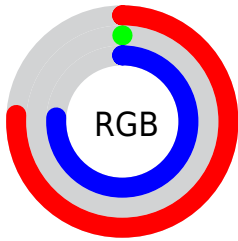
Format	Color
RYB	193, 1, 193
Decimal	12648897
CIELab	45.92, 79.60, -49.30
CIELCh	46, 93.630, 328.227
Yxy	15.2094, 0.3209, 0.1543
Android (android.graphics.Color)	4290838977 (0xFFC101C1)
YUV	80.2960, 55.5631, 98.8414
Hunter-Lab	38.9992, 76.5278, -51.3445

Details

The Yxy color **15.2094, 0.3209, 0.1543** 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 **38.1553, 0.3000, 0.5996**, and the grayscale version is **7.9605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0971, 0.3224, 0.1842**, and **6.9324, 0.3122, 0.1493** is the 20% darker color. If you saturate the color by 10%, you get **15.1893, 0.3209, 0.1541**, and if you desaturate by 10%, it is **15.6990, 0.3207, 0.1580**.

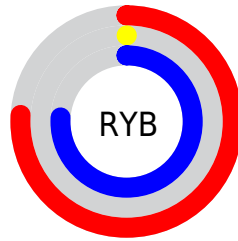
Distribution



Red (76%)

Green (0%)

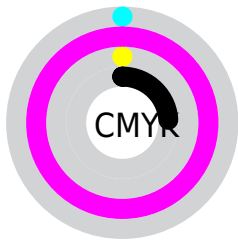
Blue (76%)



Red (76%)

Yellow (0%)

Blue (76%)

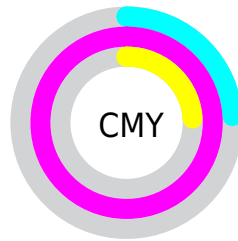


Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (100%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2094, 0.3209, 0.1543 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 15.2094, 0.3209, 0.1543 by changing the saturation by 10% instead.


 15.2094, 0.3209,
0.1543


 15.2094, 0.3209,
0.1543


224.6302, 0.3218,
0.2399

 8.9665, 0.3188,
0.1346


 35.2201, 0.3226,
0.1844


 4.7193, 0.3149,
0.1108


 49.7567, 0.3228,
0.1961


 2.0835, 0.3075,
0.0823


 67.8266, 0.3228,
0.2061

 0.6553, 0.2937,
0.0480

 89.8143, 0.3227,
0.2147

 0.0000, 0.2692,
0.0000

 116.1041, 0.3225,
0.2222

 0.0000, 0.1889,
0.0000

 147.0804, 0.3223,

 0.0000, 0.0000,

0.2289

0.0000

183.1276, 0.3220,
0.2347

■ 15.2094, 0.3209,
0.1543

■ 15.2094, 0.3209,
0.1543

■ 15.1893, 0.3209,
0.1541

■ 15.6990, 0.3207,
0.1580

■ 16.6777, 0.3204,
0.1651

■ 18.3035, 0.3199,
0.1765

■ 20.6620, 0.3191,
0.1919

■ 23.8257, 0.3182,
0.2110

■ 27.8586, 0.3172,
0.2328

■ 32.8181, 0.3161,
0.2566

■ 38.7567, 0.3150,
0.2812

■ 45.7231, 0.3138,
0.3060

Harmonies

Analogous

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



15.2094, 0.1757, 0.1167



15.2094, 0.3209, 0.1543



15.2094, 0.5179, 0.2212

Triad

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



15.2094, 0.3209, 0.1543



15.2094, 0.4954, 0.5046



15.2094, 0.0713, 0.2274

Complementary

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



15.2094, 0.3209, 0.1543



38.1553, 0.3000, 0.5996

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.



15.2094, 0.1150, 0.4419



15.2094, 0.3209, 0.1543



15.2094, 0.3555, 0.6445

Square

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



15.2094, 0.3209, 0.1543



15.2094, 0.6125, 0.3875



15.2094, 0.2192, 0.6675



15.2094, 0.0705, 0.1369

Rectangle

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



15.2094, 0.3209, 0.1543



15.2094, 0.6140, 0.2726



15.2094, 0.2192, 0.6675



15.2094, 0.0797, 0.2829

Sweetspot

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



15.2101, 0.3209, 0.1543



57.8334, 0.3162, 0.2542



3.9474, 0.1505, 0.0613



11.5681, 0.3167, 0.2440



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.2101, 0.3209, 0.1543



27.1992, 0.3209, 0.1541



12.2841, 0.4883, 0.2467



10.2475, 0.3138, 0.3063



10.1008, 0.3209, 0.1541



0.4364, 0.3209, 0.1541

Inverse Universe

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



11.3625, 0.6392, 0.3300



20.3055, 0.6401, 0.3300



38.9574, 0.2740, 0.5059



10.0779, 0.3289, 0.3290



7.5408, 0.6401, 0.3300



0.3258, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 15.2094, 0.3209, 0.1543 looks on a white background.

Color Contrast Check

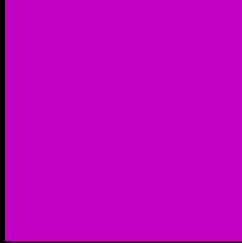
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2094, 0.3209, 0.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

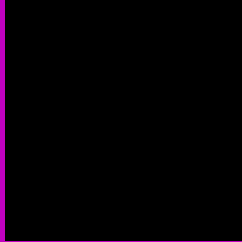
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2094, 0.3209, 0.1543

Background



This preview shows how black text looks on a background with the Yxy color 15.2094, 0.3209, 0.1543.



This preview shows how white text looks on a background with the Yxy color 15.2094, 0.3209, 0.1543.

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

15.2094, 0.3209, 0.1543

Protanopia

16.0064, 0.1741, 0.1468

Deuteranopia

15.8633, 0.2085, 0.2032



Tritanopia

15.5867, 0.4789, 0.3228

Trichromacy



Original Color

15.2094, 0.3209, 0.1543



Protanomaly

10.2914, 0.1824, 0.1122



Deuteranomaly

11.4540, 0.2318, 0.1501



Tritanomaly

13.9161, 0.4220, 0.2386

Monochromacy



Original Color

15.2094, 0.3209, 0.1543



Achromatopsia

8.0220, 0.3127, 0.3290



Achromatomaly

7.8131, 0.3188, 0.1990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2094, 0.3209, 0.1543 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(193, 1, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 1, 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(193, 1, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 1, 193) }
```

Border

The CSS property to change the border of an element to Yxy 15.2094, 0.3209, 0.1543 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(193, 1, 193) }
```

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

```
.border{ border-color:rgb(193, 1, 193) }
```

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

Here you see how a box with a 4 pixel rgb(193, 1, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 1, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 1, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 1,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2094, 0.3209, 0.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 1, 193) }
```

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

```
.background{ background-color: rgb(193, 1,  
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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