

Converting Colors

$Yxy(15.3447, 0.3727, 0.1840)$

Have a look what the booklet for
Yxy(15.3447, 0.3727, 0.1840)
contains.

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Color

Yxy(15.2861, 0.3722, 0.1838)

Conversions

Conversions Part 1

Format	Color
Hex	C907A5
RGB	201, 7, 165
RGB Percent	79%, 3%, 65%
CMY	0.2118, 0.9723, 0.3529
CMYK	0.00, 0.96, 0.18, 0.21
HSL	311°, 93%, 41%
HSV	311°, 96%, 79%
XYZ	30.9548, 15.2861, 36.9262
YIQ	83.0180, 64.9060, 90.2660

Conversions

Conversions Part 2

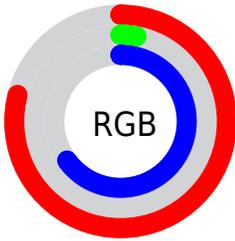
Format	Color
RYB	201, 7, 165
Decimal	13174693
CIELab	46.02, 76.66, -32.54
CIELCh	46, 83.281, 337.004
Yxy	15.2861, 0.3722, 0.1838
Android (android.graphics.Color)	4291364773 (0xFFC907A5)
YUV	83.0180, 40.4171, 103.4702
Hunter-Lab	39.0974, 72.9040, -28.6291

Details

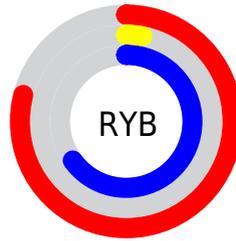
The Yxy color **15.2861, 0.3722, 0.1838** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **41.9898, 0.2946, 0.5779**, and the grayscale version is **8.5669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0816, 0.3551, 0.2087**, and **6.9430, 0.3790, 0.1862** is the 20% darker color. If you saturate the color by 10%, you get **15.0864, 0.3746, 0.1837**, and if you desaturate by 10%, it is **16.0624, 0.3654, 0.1856**.

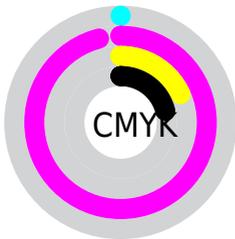
Distribution



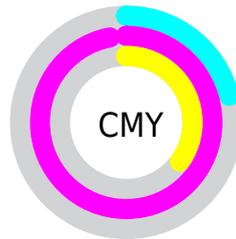
- Red (79%)
- Green (3%)
- Blue (65%)



- Red (79%)
- Yellow (3%)
- Blue (65%)



- Cyan (0%)
- Magenta (96%)
- Yellow (18%)
- Black (21%)



- Cyan (21%)
- Magenta (97%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2861, 0.3722, 0.1838 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 15.2861, 0.3722, 0.1838 by changing the saturation by 10% instead.

 15.2861, 0.3722,
0.1838

 15.2861, 0.3722,
0.1838

225.0914, 0.3422,
0.2583

 9.0204, 0.3795,
0.1652

 35.3543, 0.3614,
0.2110

 4.7545, 0.3885,
0.1418

 49.9256, 0.3573,
0.2212

 2.1040, 0.3997,
0.1118

 68.0343, 0.3538,
0.2298

 0.6668, 0.4140,
0.0719

 90.0647, 0.3508,
0.2372

 0.0000, 0.4395,
0.0000

 116.4012, 0.3482,
0.2436

 0.0000, 0.4046,
0.0000

 147.4282, 0.3459,

 0.0000, 0.0000,

0.2491

0.0000

183.5302, 0.3439,
0.2540

■ 15.2861, 0.3722,
0.1838

■ 15.2861, 0.3722,
0.1838

■ 15.0864, 0.3746,
0.1837

■ 16.0624, 0.3654,
0.1856

■ 17.4664, 0.3583,
0.1920

■ 19.6151, 0.3511,
0.2027

■ 22.5982, 0.3439,
0.2173

■ 26.4928, 0.3371,
0.2349

■ 31.3673, 0.3307,
0.2545

■ 37.2834, 0.3249,
0.2750

■ 44.2977, 0.3198,
0.2958

■ 52.4628, 0.3153,
0.3162

Harmonies

Analogous

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



15.2861, 0.2199, 0.1382



15.2861, 0.3722, 0.1838



15.2861, 0.5413, 0.2538

Triad

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



15.2861, 0.3722, 0.1838



15.2861, 0.4584, 0.5416



15.2861, 0.0830, 0.2061

Complementary

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



15.2861, 0.3722, 0.1838



41.9898, 0.2946, 0.5779

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.



15.2861, 0.1142, 0.3646



15.2861, 0.3722, 0.1838



15.2861, 0.3250, 0.6375

Square

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



15.2861, 0.3722, 0.1838



15.2861, 0.5699, 0.4249



15.2861, 0.2015, 0.5843



15.2861, 0.0900, 0.1398

Rectangle

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



15.2861, 0.3722, 0.1838



15.2861, 0.6050, 0.3053



15.2861, 0.2015, 0.5843



15.2861, 0.0883, 0.2464

Sweetspot

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



15.2869, 0.3722, 0.1838



60.6959, 0.3266, 0.2690



4.8749, 0.1610, 0.0677



12.0552, 0.3291, 0.2601



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.



15.2869, 0.3722, 0.1838



25.7995, 0.3754, 0.1842



12.9926, 0.5613, 0.2891



10.7816, 0.3165, 0.3104



9.4992, 0.3737, 0.1832



0.4588, 0.3608, 0.1761

Inverse Universe

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



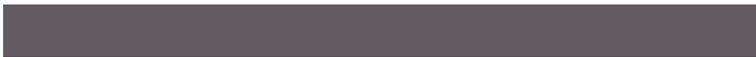
15.2869, 0.3722, 0.1838



25.7995, 0.3754, 0.1842



43.6962, 0.2540, 0.4322



10.7816, 0.3165, 0.3104



9.4992, 0.3737, 0.1832



0.4588, 0.3608, 0.1761

Previews

White Background



This preview shows how the Yxy color 15.2861, 0.3722, 0.1838 looks on a white background.

Color Contrast Check

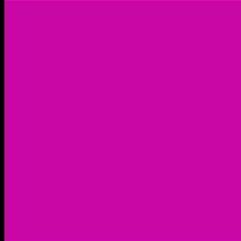
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2861, 0.3722, 0.1838 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

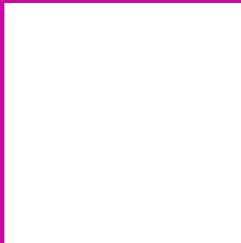
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.2861, 0.3722, 0.1838

Background



This preview shows how black text looks on a background with the Yxy color 15.2861, 0.3722, 0.1838.



This preview shows how white text looks on a background with the Yxy color 15.2861, 0.3722, 0.1838.

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

15.2861, 0.3722, 0.1838

Protanopia

16.0614, 0.1739, 0.1461

Deuteranopia

15.7367, 0.2476, 0.2420



Tritanopia

15.5477, 0.5219, 0.3251

Trichromacy



Original Color

15.2861, 0.3722, 0.1838



Protanomaly

10.2826, 0.1883, 0.1218



Deuteranomaly

12.2063, 0.2841, 0.1884



Tritanomaly

14.5366, 0.4738, 0.2632

Monochromacy



Original Color

15.2861, 0.3722, 0.1838



Achromatopsia

8.6500, 0.3127, 0.3290



Achromatomaly

8.3603, 0.3420, 0.2208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2861, 0.3722, 0.1838 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(201, 7, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 7, 165)  
}
```

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(201, 7, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 7, 165) }
```

Border

The CSS property to change the border of an element to Yxy 15.2861, 0.3722, 0.1838 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(201, 7, 165) }
```

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

```
.border{ border-color:rgb(201, 7, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 7, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 7, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 7, 165);  
box-shadow:4px 4px 4px 4px rgb(201, 7,  
165) }
```

Background

The CSS property to change the background color of an element to Yxy 15.2861, 0.3722, 0.1838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 7, 165) }
```

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

```
.background{ background-color: rgb(201, 7,  
165) }
```

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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