

Converting Colors

$Y_{xy}(15.2592, 0.4138, 0.2053)$

Have a look what the booklet for
Yxy(15.2592, 0.4138, 0.2053)
contains.

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Color

Yxy(15.3097, 0.4153, 0.2061)

Conversions

Conversions Part 1

Format	Color
Hex	CF0091
RGB	207, 0, 145
RGB Percent	81%, 0%, 57%
CMY	0.1881, 1.0000, 0.4313
CMYK	0.00, 1.00, 0.30, 0.19
HSL	318°, 100%, 41%
HSV	318°, 100%, 81%
XYZ	30.8497, 15.3097, 28.1235
YIQ	78.4230, 76.8270, 88.9790

Conversions

Conversions Part 2

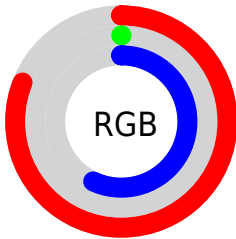
Format	Color
RYB	207, 0, 145
Decimal	13566097
CIELab	46.06, 76.14, -20.38
CIElCh	46, 78.816, 345.016
Yxy	15.3097, 0.4153, 0.2061
Android (android.graphics.Color)	4291756177 (0xFFCF0091)
YUV	78.4230, 32.8225, 112.7620
Hunter-Lab	39.1276, 72.2628, -15.2262

Details

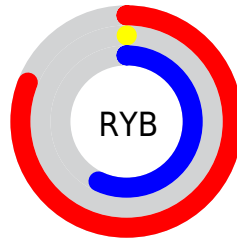
The Yxy color **15.3097, 0.4153, 0.2061** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **44.9872, 0.2892, 0.5610**, and the grayscale version is **7.6305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.6959, 0.3798, 0.2250**, and **7.0112, 0.4355, 0.2173** is the 20% darker color. If you saturate the color by 10%, you get **15.3143, 0.4153, 0.2061**, and if you desaturate by 10%, it is **16.0363, 0.4029, 0.2044**.

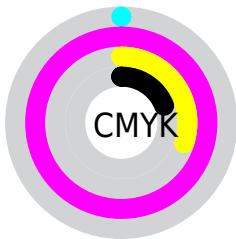
Distribution



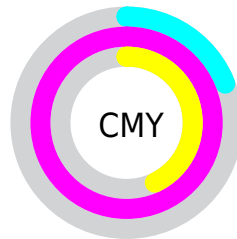
- Red (81%)
- Green (0%)
- Blue (57%)



- Red (81%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3097, 0.4153, 0.2061 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 15.3097, 0.4153, 0.2061 by changing the saturation by 10% instead.


 15.3097, 0.4153,
0.2061


 15.3097, 0.4153,
0.2061


225.2332, 0.3587,
0.2714


 9.0370, 0.4312,
0.1889


 35.3956, 0.3934,
0.2306


 4.7653, 0.4528,
0.1664


 49.9776, 0.3856,
0.2396

 2.1102, 0.4833,
0.1363


 68.0981, 0.3791,
0.2471

 0.6704, 0.5301,
0.0931

 90.1416, 0.3737,
0.2535

 0.0000, 0.6274,
0.0000

 116.4925, 0.3691,
0.2589

 0.0000, 1.0000,
0.0000

 147.5351, 0.3652,

 0.0000, 0.0000,

0.2636

0.0000

183.6539, 0.3617,
0.2678

■ 15.3097, 0.4153,
0.2061

■ 15.3097, 0.4153,
0.2061

■ 15.3143, 0.4153,
0.2061

■ 16.0363, 0.4029,
0.2044

■ 17.3321, 0.3903,
0.2070

■ 19.3931, 0.3775,
0.2145

■ 22.3226, 0.3652,
0.2261

■ 26.2080, 0.3537,
0.2409

■ 31.1258, 0.3431,
0.2577

■ 37.1448, 0.3338,
0.2757

■ 44.3280, 0.3257,
0.2939

■ 52.7333, 0.3187,
0.3118

Harmonies

Analogous

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



15.3097, 0.2578, 0.1537



15.3097, 0.4153, 0.2061



15.3097, 0.5610, 0.2784

Triad

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



15.3097, 0.4153, 0.2061



15.3097, 0.4246, 0.5669



15.3097, 0.0889, 0.1886

Complementary

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



15.3097, 0.4153, 0.2061



44.9872, 0.2892, 0.5610

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.



15.3097, 0.1092, 0.3138



15.3097, 0.4153, 0.2061



15.3097, 0.2963, 0.6284

Square

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



15.3097, 0.4153, 0.2061



15.3097, 0.5386, 0.4546



15.3097, 0.1807, 0.5193



15.3097, 0.1039, 0.1387

Rectangle

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



15.3097, 0.4153, 0.2061



15.3097, 0.6005, 0.3303



15.3097, 0.1807, 0.5193



15.3097, 0.0912, 0.2198

Sweetspot

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



15.3143, 0.4153, 0.2061



59.1312, 0.3341, 0.2750



5.4258, 0.1675, 0.0697



11.7342, 0.3380, 0.2673



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.



15.3143, 0.4153, 0.2061



24.4993, 0.4167, 0.2069



13.4578, 0.6046, 0.3104



11.9462, 0.3183, 0.3129



9.6631, 0.4137, 0.2052



0.5540, 0.3927, 0.1937

Inverse Universe

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



15.3143, 0.4153, 0.2061



24.4993, 0.4167, 0.2069



47.2540, 0.2446, 0.4005



11.9462, 0.3183, 0.3129



9.6631, 0.4137, 0.2052



0.5540, 0.3927, 0.1937

Previews

White Background



This preview shows how the Yxy color 15.3097, 0.4153, 0.2061 looks on a white background.

Color Contrast Check

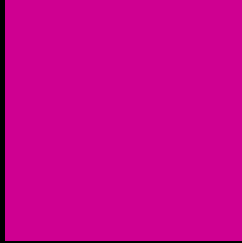
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3097, 0.4153, 0.2061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

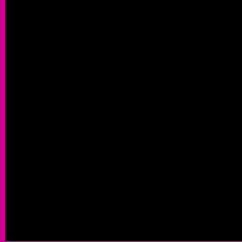
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3097, 0.4153, 0.2061

Background



This preview shows how black text looks on a background with the Yxy color 15.3097, 0.4153, 0.2061.



This preview shows how white text looks on a background with the Yxy color 15.3097, 0.4153, 0.2061.

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

15.3097, 0.4153, 0.2061

Protanopia

16.1908, 0.1929, 0.1689

Deuteranopia

16.0015, 0.2834, 0.2786



Tritanopia

15.6700, 0.5499, 0.3268

Trichromacy



Original Color

15.3097, 0.4153, 0.2061



Protanomaly

11.2276, 0.2333, 0.1489



Deuteranomaly

12.1401, 0.3274, 0.2152



Tritanomaly

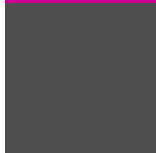
14.7136, 0.5106, 0.2767

Monochromacy



Original Color

15.3097, 0.4153, 0.2061



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.6005, 0.3635, 0.2303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3097, 0.4153, 0.2061 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 145) }
```

Border

The CSS property to change the border of an element to Yxy 15.3097, 0.4153, 0.2061 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, 145) }
```

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

```
.border{ border-color:rgb(207, 0, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3097, 0.4153, 0.2061 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, 145) }
```

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

```
.background{ background-color: rgb(207, 0,  
145) }
```

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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