

Converting Colors

$Yxy(9.9305, 0.4739, 0.1918)$

Have a look what the booklet for
Yxy(9.9305, 0.4739, 0.1918)
contains.

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Color

Yxy(13.1547, 0.4573, 0.2293)

Conversions

Conversions Part 1

Format	Color
Hex	C50075
RGB	197, 0, 117
RGB Percent	77%, 0%, 46%
CMY	0.2275, 0.9996, 0.5413
CMYK	0.00, 1.00, 0.41, 0.23
HSL	324°, 100%, 39%
HSV	324°, 100%, 77%
XYZ	26.2348, 13.1547, 17.9794
YIQ	72.2410, 79.8550, 78.1510

Conversions

Conversions Part 2

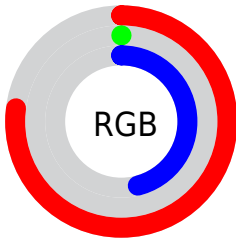
Format	Color
RYB	197, 0, 117
Decimal	12910709
CIELab	43.00, 71.26, -8.01
CIELCh	43, 71.707, 353.588
Yxy	13.1547, 0.4573, 0.2293
Android (android.graphics.Color)	4291100789 (0xFFC50075)
YUV	72.2410, 22.0662, 109.4136
Hunter-Lab	36.2694, 65.6433, -4.0026

Details

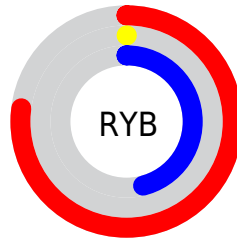
The Yxy color **13.1547, 0.4573, 0.2293** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **40.5114, 0.2810, 0.5314**, and the grayscale version is **6.4841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.9410, 0.4194, 0.2505**, and **5.7480, 0.4893, 0.2469** is the 20% darker color. If you saturate the color by 10%, you get **13.1526, 0.4574, 0.2293**, and if you desaturate by 10%, it is **13.8429, 0.4388, 0.2252**.

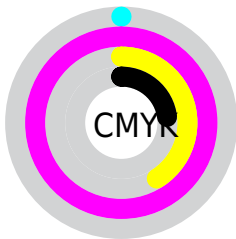
Distribution



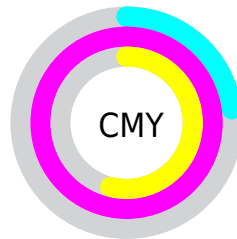
- Red (77%)
- Green (0%)
- Blue (46%)



- Red (77%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1547, 0.4573, 0.2293 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 13.1547, 0.4573, 0.2293 by changing the saturation by 10% instead.


 13.1547, 0.4573,
0.2293


 13.1547, 0.4573,
0.2293


211.9068, 0.3727,
0.2859


 7.5352, 0.4835,
0.2127


 31.5814, 0.4230,
0.2517


 3.7990, 0.5207,
0.1897

 45.1574, 0.4113,
0.2595


 1.5618, 0.5767,
0.1567

 62.1543, 0.4018,
0.2660

 0.3316, 0.6855,
0.0833

 82.9566, 0.3939,
0.2713

 0.0000, 1.0000,
0.0000

 107.9485, 0.3873,
0.2758

 0.0000, 0.0000,
0.0000

 137.5146, 0.3817,

0.2797

172.0392, 0.3769,
0.2830

■ 13.1547, 0.4573,
0.2293

■ 13.1547, 0.4573,
0.2293

■ 13.1526, 0.4574,
0.2293

■ 13.8429, 0.4388,
0.2252

■ 15.0463, 0.4200,
0.2257

■ 16.9401, 0.4014,
0.2312

■ 19.6157, 0.3836,
0.2409

■ 23.1503, 0.3673,
0.2536

■ 27.6118, 0.3529,
0.2682

■ 33.0611, 0.3402,
0.2837

■ 39.5542, 0.3294,
0.2993

■ 47.1426, 0.3203,
0.3145

Harmonies

Analogous

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



13.1547, 0.2994, 0.1706



13.1547, 0.4573, 0.2293



13.1547, 0.5745, 0.3033

Triad

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



13.1547, 0.4573, 0.2293



13.1547, 0.3885, 0.5854



13.1547, 0.0956, 0.1742

Complementary

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



13.1547, 0.4573, 0.2293



40.5114, 0.2810, 0.5314

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.



13.1547, 0.1053, 0.2716



13.1547, 0.4573, 0.2293



13.1547, 0.2656, 0.6049

Square

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



13.1547, 0.4573, 0.2293



13.1547, 0.5068, 0.4858



13.1547, 0.1607, 0.4533



13.1547, 0.1196, 0.1385

Rectangle

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



13.1547, 0.4573, 0.2293



13.1547, 0.5912, 0.3562



13.1547, 0.1607, 0.4533



13.1547, 0.0948, 0.1979

Sweetspot

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



13.1555, 0.4573, 0.2293



58.6772, 0.3408, 0.2829



5.6890, 0.1841, 0.0788



11.6258, 0.3460, 0.2762



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.



13.1555, 0.4573, 0.2293



23.5066, 0.4600, 0.2308



11.9213, 0.6290, 0.3239



10.7408, 0.3199, 0.3154



8.6685, 0.4551, 0.2281



0.4246, 0.4199, 0.2087

Inverse Universe

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



13.1555, 0.4573, 0.2293



23.5066, 0.4600, 0.2308



43.1171, 0.2334, 0.3603



10.7408, 0.3199, 0.3154



8.6685, 0.4551, 0.2281



0.4246, 0.4199, 0.2087

Previews

White Background



This preview shows how the Yxy color 13.1547, 0.4573, 0.2293 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 13.1547, 0.4573, 0.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

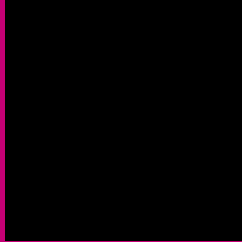
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.1547, 0.4573, 0.2293

Background



This preview shows how black text looks on a background with the Yxy color 13.1547, 0.4573, 0.2293.



This preview shows how white text looks on a background with the Yxy color 13.1547, 0.4573, 0.2293.

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

13.1547, 0.4573, 0.2293

Protanopia

13.9496, 0.2205, 0.2056

Deuteranopia

13.8348, 0.3192, 0.3145



Tritanopia

13.5048, 0.5708, 0.3280

Trichromacy



Original Color

13.1547, 0.4573, 0.2293



Protanomaly

10.0155, 0.2775, 0.1828



Deuteranomaly

10.6541, 0.3734, 0.2481



Tritanomaly

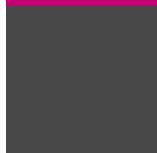
12.8291, 0.5400, 0.2900

Monochromacy



Original Color

13.1547, 0.4573, 0.2293



Achromatopsia

6.4803, 0.3127, 0.3290



Achromatomaly

6.4405, 0.3808, 0.2434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1547, 0.4573, 0.2293 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(197, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 117)  
}
```

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(197, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 117) }
```

Border

The CSS property to change the border of an element to Yxy 13.1547, 0.4573, 0.2293 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(197, 0, 117) }
```

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

```
.border{ border-color:rgb(197, 0, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 0, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(197, 0,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1547, 0.4573, 0.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 117) }
```

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

```
.background{ background-color: rgb(197, 0,  
117) }
```

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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