

Converting Colors

$Yxy(10.5389, 0.4857, 0.1860)$

Have a look what the booklet for
Yxy(10.5389, 0.4857, 0.1860)
contains.

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Color

Yxy(14.9358, 0.4642, 0.2331)

Conversions

Conversions Part 1

Format	Color
Hex	D10079
RGB	209, 0, 121
RGB Percent	82%, 0%, 47%
CMY	0.1804, 0.9996, 0.5256
CMYK	0.00, 1.00, 0.42, 0.18
HSL	325°, 100%, 41%
HSV	325°, 100%, 82%
XYZ	29.7435, 14.9358, 19.3954
YIQ	76.2850, 85.7230, 81.9390

Conversions

Conversions Part 2

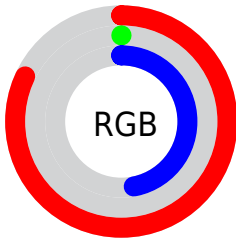
Format	Color
R_{YB}	209, 0, 121
Decimal	13697145
CIE _{Lab}	45.55, 74.17, -6.42
CIE _{LCh}	46, 74.451, 355.055
Yxy	14.9358, 0.4642, 0.2331
Android (android.graphics.Color)	4291887225 (0xFFD10079)
YUV	76.2850, 22.0445, 116.3911
Hunter-Lab	38.6469, 69.7454, -2.7026

Details

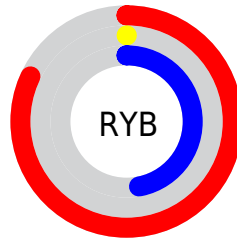
The Yxy color **14.9358, 0.4642, 0.2331** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **46.3061, 0.2799, 0.5275**, and the grayscale version is **7.2397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5895, 0.4132, 0.2489**, and **6.7769, 0.4951, 0.2501** is the 20% darker color. If you saturate the color by 10%, you get **14.9334, 0.4643, 0.2331**, and if you desaturate by 10%, it is **15.6968, 0.4449, 0.2284**.

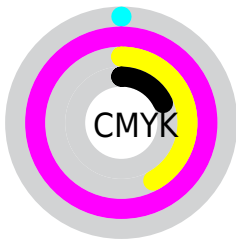
Distribution



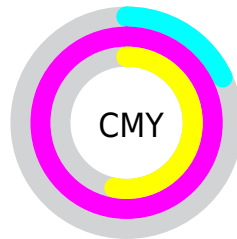
- Red (82%)
- Green (0%)
- Blue (47%)



- Red (82%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (18%)




- Cyan (18%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9358, 0.4642, 0.2331 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 14.9358, 0.4642, 0.2331 by changing the saturation by 10% instead.


 14.9358, 0.4642,
0.2331


 14.9358, 0.4642,
0.2331


222.9773, 0.3768,
0.2871


 8.7743, 0.4906,
0.2175


 34.7405, 0.4292,
0.2543


 4.5943, 0.5274,
0.1962

 49.1526, 0.4171,
0.2617


 2.0112, 0.5818,
0.1658

 67.0836, 0.4072,
0.2679

 0.6140, 0.6708,
0.1162

 88.9180, 0.3990,
0.2730

 0.0000, 1.0000,
0.0000

 115.0402, 0.3921,
0.2773

 0.0000, 0.0000,
0.0000

 145.8345, 0.3863,

0.2810

181.6854, 0.3812,
0.2843

■ 14.9358, 0.4642,
0.2331

■ 14.9358, 0.4642,
0.2331

■ 14.9334, 0.4643,
0.2331

■ 15.6968, 0.4449,
0.2284

■ 17.0555, 0.4251,
0.2284

■ 19.2064, 0.4054,
0.2334

■ 22.2557, 0.3868,
0.2428

■ 26.2930, 0.3697,
0.2551

■ 31.3970, 0.3545,
0.2694

■ 37.6383, 0.3413,
0.2846

■ 45.0815, 0.3301,
0.2999

■ 53.7862, 0.3206,
0.3148

Harmonies

Analogous

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



14.9358, 0.3066, 0.1733



14.9358, 0.4642, 0.2331



14.9358, 0.5764, 0.3074

Triad

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



14.9358, 0.4642, 0.2331



14.9358, 0.3820, 0.5875



14.9358, 0.0966, 0.1719

Complementary

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



14.9358, 0.4642, 0.2331



46.3061, 0.2799, 0.5275

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.



14.9358, 0.1046, 0.2652



14.9358, 0.4642, 0.2331



14.9358, 0.2603, 0.5999

Square

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



14.9358, 0.4642, 0.2331



14.9358, 0.5002, 0.4898



14.9358, 0.1574, 0.4428



14.9358, 0.1223, 0.1384

Rectangle

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



14.9358, 0.4642, 0.2331



14.9358, 0.5895, 0.3605



14.9358, 0.1574, 0.4428



14.9358, 0.0953, 0.1946

Sweetspot

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



14.9367, 0.4642, 0.2331



58.6152, 0.3418, 0.2840



6.6384, 0.1865, 0.0801



11.6110, 0.3472, 0.2775



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.



14.9367, 0.4642, 0.2331



23.3839, 0.4663, 0.2343



13.5990, 0.6318, 0.3255



11.9213, 0.3201, 0.3156



9.2280, 0.4616, 0.2317



0.5316, 0.4289, 0.2137

Inverse Universe

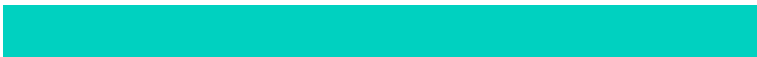
The Inverse Universe completely reimagines the original color for something new.



14.9367, 0.4642, 0.2331



23.3839, 0.4663, 0.2343



49.3870, 0.2320, 0.3550



11.9213, 0.3201, 0.3156



9.2280, 0.4616, 0.2317



0.5316, 0.4289, 0.2137

Previews

White Background



This preview shows how the Yxy color 14.9358, 0.4642, 0.2331 looks on a white background.

Color Contrast Check

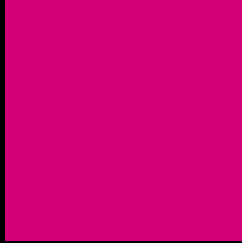
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9358, 0.4642, 0.2331 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 14.9358, 0.4642, 0.2331

Background



This preview shows how black text looks on a background with the Yxy color 14.9358, 0.4642, 0.2331.



This preview shows how white text looks on a background with the Yxy color 14.9358, 0.4642, 0.2331.

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

14.9358, 0.4642, 0.2331

Protanopia

15.7124, 0.2243, 0.2105

Deuteranopia

15.6783, 0.3243, 0.3192



Tritanopia

15.3148, 0.5754, 0.3290

Trichromacy



Original Color

14.9358, 0.4642, 0.2331



Protanomaly

11.3686, 0.2832, 0.1866



Deuteranomaly

12.0474, 0.3793, 0.2523



Tritanomaly

14.6098, 0.5457, 0.2930

Monochromacy



Original Color

14.9358, 0.4642, 0.2331



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

7.1717, 0.3846, 0.2440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9358, 0.4642, 0.2331 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(209, 0, 121)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 121)  
}
```

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(209, 0, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 121) }
```

Border

The CSS property to change the border of an element to Yxy 14.9358, 0.4642, 0.2331 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(209, 0, 121) }
```

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

```
.border{ border-color:rgb(209, 0, 121) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 121);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9358, 0.4642, 0.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 121) }
```

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

```
.background{ background-color: rgb(209, 0,  
121) }
```

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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