

Converting Colors

$Y_{xy}(15.0162, 0.4590, 0.2302)$

Have a look what the booklet for
Yxy(15.0162, 0.4590, 0.2302)
contains.

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Color

Yxy(15.0105, 0.4582, 0.2298)

Conversions

Conversions Part 1

Format	Color
Hex	D1007C
RGB	209, 0, 124
RGB Percent	82%, 0%, 49%
CMY	0.1804, 0.9995, 0.5138
CMYK	0.00, 1.00, 0.41, 0.18
HSL	324°, 100%, 41%
HSV	324°, 100%, 82%
XYZ	29.9296, 15.0105, 20.3798
YIQ	76.6270, 84.7600, 82.8720

Conversions

Conversions Part 2

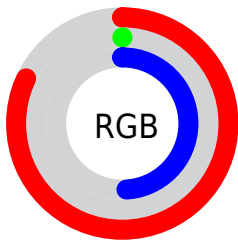
Format	Color
R_{YB}	209, 0, 124
Decimal	13697148
CIE _{Lab}	45.65, 74.44, -8.11
CIE _{LCh}	46, 74.880, 353.779
Yxy	15.0105, 0.4582, 0.2298
Android (android.graphics.Color)	4291887228 (0xFFD1007C)
YUV	76.6270, 23.3549, 116.0911
Hunter-Lab	38.7434, 70.0916, -4.0673

Details

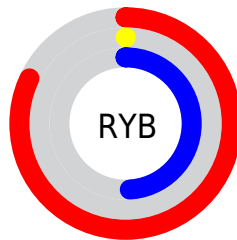
The Yxy color **15.0105, 0.4582, 0.2298** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **46.2559, 0.2811, 0.5319**, and the grayscale version is **7.3058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.7069, 0.4092, 0.2461**, and **6.8039, 0.4895, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **15.0075, 0.4583, 0.2298**, and if you desaturate by 10%, it is **15.7704, 0.4397, 0.2254**.

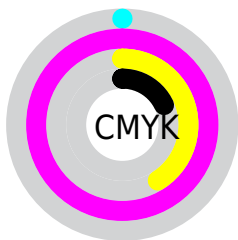
Distribution



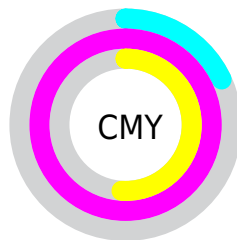
- Red (82%)
- Green (0%)
- Blue (49%)



- Red (82%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0105, 0.4582, 0.2298 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 15.0105, 0.4582, 0.2298 by changing the saturation by 10% instead.


 15.0105, 0.4582,
0.2298


 15.0105, 0.4582,
0.2298


223.4298, 0.3746,
0.2851


 8.8268, 0.4833,
0.2140


 34.8716, 0.4248,
0.2514


 4.6284, 0.5183,
0.1926


 49.3177, 0.4132,
0.2590


 2.0309, 0.5698,
0.1623

 67.2868, 0.4038,
0.2653

 0.6253, 0.6536,
0.1139

 89.1632, 0.3959,
0.2706

 0.0000, 0.9718,
0.0000

 115.3313, 0.3893,
0.2751

 0.0000, 1.0000,
0.0000

 146.1755, 0.3837,

 0.0000, 0.0000,

0.2789

0.0000

182.0802, 0.3788,
0.2822

■ 15.0105, 0.4582,
0.2298

■ 15.0105, 0.4582,
0.2298

■ 15.0075, 0.4583,
0.2298

■ 15.7704, 0.4397,
0.2254

■ 17.1272, 0.4208,
0.2257

■ 19.2750, 0.4020,
0.2311

■ 22.3199, 0.3841,
0.2407

■ 26.3516, 0.3677,
0.2534

■ 31.4485, 0.3531,
0.2680

■ 37.6813, 0.3404,
0.2835

■ 45.1145, 0.3295,
0.2992

■ 53.8078, 0.3204,
0.3145

Harmonies

Analogous

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



15.0105, 0.3004, 0.1709



15.0105, 0.4582, 0.2298



15.0105, 0.5748, 0.3038

Triad

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



15.0105, 0.4582, 0.2298



15.0105, 0.3872, 0.5850



15.0105, 0.0957, 0.1739

Complementary

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



15.0105, 0.4582, 0.2298



46.2559, 0.2811, 0.5319

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.



15.0105, 0.1052, 0.2707



15.0105, 0.4582, 0.2298



15.0105, 0.2649, 0.6042

Square

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



15.0105, 0.4582, 0.2298



15.0105, 0.5049, 0.4854



15.0105, 0.1602, 0.4520



15.0105, 0.1200, 0.1385

Rectangle

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



15.0105, 0.4582, 0.2298



15.0105, 0.5910, 0.3567



15.0105, 0.1602, 0.4520



15.0105, 0.0949, 0.1975

Sweetspot

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



15.0114, 0.4582, 0.2298



58.6744, 0.3409, 0.2829



6.4753, 0.1837, 0.0786



11.6251, 0.3461, 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.



15.0114, 0.4582, 0.2298



23.5010, 0.4603, 0.2309



13.6110, 0.6295, 0.3242



11.9242, 0.3199, 0.3153



9.2739, 0.4558, 0.2284



0.5341, 0.4245, 0.2112

Inverse Universe

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



15.0114, 0.4582, 0.2298



23.5010, 0.4603, 0.2309



49.2332, 0.2335, 0.3605



11.9242, 0.3199, 0.3153



9.2739, 0.4558, 0.2284



0.5341, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 15.0105, 0.4582, 0.2298 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 15.0105, 0.4582, 0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

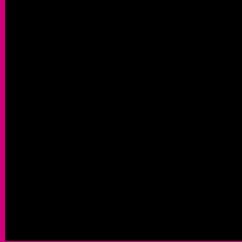
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0105, 0.4582, 0.2298

Background



This preview shows how black text looks on a background with the Yxy color 15.0105, 0.4582, 0.2298.



This preview shows how white text looks on a background with the Yxy color 15.0105, 0.4582, 0.2298.

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

15.0105, 0.4582, 0.2298

Protanopia

15.7785, 0.2203, 0.2049

Deuteranopia

15.6751, 0.3189, 0.3133



Tritanopia

15.4061, 0.5733, 0.3290

Trichromacy



Original Color

15.0105, 0.4582, 0.2298



Protanomaly

11.3920, 0.2782, 0.1826



Deuteranomaly

12.1177, 0.3738, 0.2477



Tritanomaly

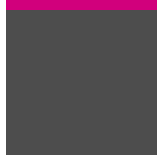
14.6376, 0.5421, 0.2908

Monochromacy



Original Color

15.0105, 0.4582, 0.2298



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.3648, 0.3815, 0.2427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0105, 0.4582, 0.2298 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 124) }
```

Border

The CSS property to change the border of an element to Yxy 15.0105, 0.4582, 0.2298 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, 124) }
```

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

```
.border{ border-color:rgb(209, 0, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0105, 0.4582, 0.2298 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, 124) }
```

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

```
.background{ background-color: rgb(209, 0,  
124) }
```

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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