

Converting Colors

$Y_{xy}(15.0449, 0.4918, 0.2483)$

Have a look what the booklet for
Yxy(15.0449, 0.4918, 0.2483)
contains.

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Color

Yxy(15.1012, 0.4918, 0.2483)

Conversions

Conversions Part 1

Format	Color
Hex	D4006D
RGB	212, 0, 109
RGB Percent	83%, 0%, 43%
CMY	0.1687, 0.9997, 0.5725
CMYK	0.00, 1.00, 0.49, 0.17
HSL	329°, 100%, 42%
HSV	329°, 100%, 83%
XYZ	29.9105, 15.1012, 15.8067
YIQ	75.8140, 91.3630, 78.8430

Conversions

Conversions Part 2

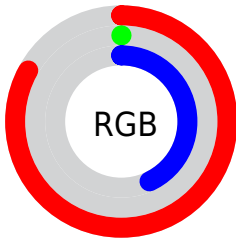
Format	Color
R_{YB}	212, 0, 109
Decimal	13893741
CIE Lab	45.77, 73.83, 1.39
CIE LCh	46, 73.846, 1.079
Yxy	15.1012, 0.4918, 0.2483
Android (android.graphics.Color)	4292083821 (0xFFD4006D)
YUV	75.8140, 16.3607, 119.4351
Hunter-Lab	38.8603, 69.3847, 3.0855

Details

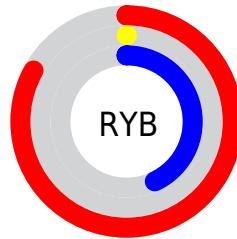
The Yxy color **15.1012, 0.4918, 0.2483** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **48.0652, 0.2742, 0.5069**, and the grayscale version is **7.1576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.1104, 0.4309, 0.2616**, and **6.9271, 0.5297, 0.2692** is the 20% darker color. If you saturate the color by 10%, you get **15.0994, 0.4919, 0.2483**, and if you desaturate by 10%, it is **15.8822, 0.4687, 0.2419**.

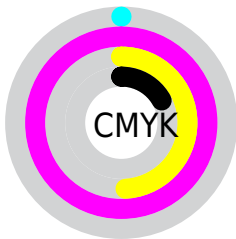
Distribution



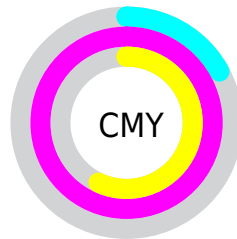
- Red (83%)
- Green (0%)
- Blue (43%)



- Red (83%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (17%)




- Cyan (17%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1012, 0.4918, 0.2483 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 15.1012, 0.4918, 0.2483 by changing the saturation by 10% instead.


 15.1012, 0.4918,
0.2483


 15.1012, 0.4918,
0.2483


223.9779, 0.3874,
0.2957


 8.8904, 0.5236,
0.2337


 35.0306, 0.4498,
0.2675


 4.6698, 0.5680,
0.2131

 49.5181, 0.4353,
0.2741

 2.0548, 0.6331,
0.1827

 67.5332, 0.4235,
0.2794

 0.6391, 0.7434,
0.1325

 89.4604, 0.4138,
0.2838

 0.0000, 1.0000,
0.0000

 115.6841, 0.4056,
0.2875

 0.0000, 0.0000,
0.0000

 146.5886, 0.3986,

0.2907

182.5585, 0.3926,
0.2934

■ 15.1012, 0.4918,
0.2483

■ 15.1012, 0.4918,
0.2483

■ 15.0994, 0.4919,
0.2483

■ 15.8822, 0.4687,
0.2419

■ 17.2877, 0.4449,
0.2404

■ 19.5180, 0.4213,
0.2440

■ 22.6834, 0.3989,
0.2520

■ 26.8771, 0.3786,
0.2629

■ 32.1808, 0.3608,
0.2757

■ 38.6680, 0.3454,
0.2893

■ 46.4058, 0.3325,
0.3030

■ 55.4563, 0.3217,
0.3164

Harmonies

Analogous

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



15.1012, 0.3368, 0.1846



15.1012, 0.4918, 0.2483



15.1012, 0.5830, 0.3237

Triad

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



15.1012, 0.4918, 0.2483



15.1012, 0.3578, 0.5985



15.1012, 0.1006, 0.1630

Complementary

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



15.1012, 0.4918, 0.2483



48.0652, 0.2742, 0.5069

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.



15.1012, 0.1016, 0.2411



15.1012, 0.4918, 0.2483



15.1012, 0.2382, 0.5772

Square

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



15.1012, 0.4918, 0.2483



15.1012, 0.4776, 0.5104



15.1012, 0.1440, 0.4015



15.1012, 0.1331, 0.1379

Rectangle

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



15.1012, 0.4918, 0.2483



15.1012, 0.5818, 0.3780



15.1012, 0.1440, 0.4015



15.1012, 0.0972, 0.1816

Sweetspot

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



15.1021, 0.4918, 0.2483



58.3526, 0.3459, 0.2888



7.6095, 0.1983, 0.0866



11.5488, 0.3522, 0.2830



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.



15.1021, 0.4918, 0.2483



22.9005, 0.4941, 0.2495



14.0059, 0.6385, 0.3292



12.5263, 0.3211, 0.3171



9.3426, 0.4888, 0.2467



0.5802, 0.4520, 0.2264

Inverse Universe

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



15.1021, 0.4918, 0.2483



22.9005, 0.4941, 0.2495



51.6612, 0.2261, 0.3338



12.5263, 0.3211, 0.3171



9.3426, 0.4888, 0.2467



0.5802, 0.4520, 0.2264

Previews

White Background



This preview shows how the Yxy color 15.1012, 0.4918, 0.2483 looks on a white background.

Color Contrast Check

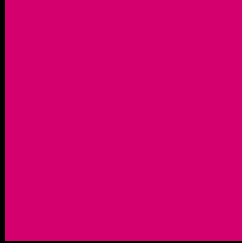
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1012, 0.4918, 0.2483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

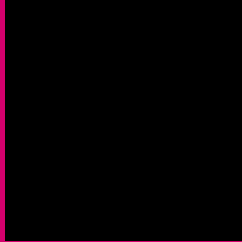
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1012, 0.4918, 0.2483

Background



This preview shows how black text looks on a background with the Yxy color 15.1012, 0.4918, 0.2483.



This preview shows how white text looks on a background with the Yxy color 15.1012, 0.4918, 0.2483.

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

15.1012, 0.4918, 0.2483

Protanopia

15.8045, 0.2459, 0.2388

Deuteranopia

15.7955, 0.3476, 0.3428



Tritanopia

15.4575, 0.5888, 0.3298

Trichromacy



Original Color

15.1012, 0.4918, 0.2483



Protanomaly

11.5530, 0.3152, 0.2100



Deuteranomaly

12.2816, 0.4099, 0.2733



Tritanomaly

14.8908, 0.5644, 0.3003

Monochromacy



Original Color

15.1012, 0.4918, 0.2483



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

7.1785, 0.3959, 0.2521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1012, 0.4918, 0.2483 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(212, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 109)  
}
```

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(212, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 109) }
```

Border

The CSS property to change the border of an element to Yxy 15.1012, 0.4918, 0.2483 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(212, 0, 109) }
```

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

```
.border{ border-color:rgb(212, 0, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1012, 0.4918, 0.2483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 109) }
```

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

```
.background{ background-color: rgb(212, 0,  
109) }
```

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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