

Converting Colors

$Yxy(15.0531, 0.4887, 0.2618)$

Have a look what the booklet for
Yxy(15.0531, 0.4887, 0.2618)
contains.

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Color

Yxy(15.1025, 0.4899, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	CD2267
RGB	205, 34, 103
RGB Percent	80%, 13%, 40%
CMY	0.1961, 0.8666, 0.5961
CMYK	0.00, 0.83, 0.50, 0.20
HSL	336°, 72%, 47%
HSV	336°, 83%, 80%
XYZ	28.1963, 15.1025, 14.2564
YIQ	92.9950, 79.7670, 57.7110

Conversions

Conversions Part 2

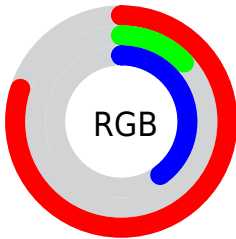
Format	Color
R_{YB}	205, 34, 103
Decimal	13443687
CIE _{Lab}	45.77, 67.20, 4.95
CIE _{LCh}	46, 67.382, 4.212
Yxy	15.1025, 0.4899, 0.2624
Android (android.graphics.Color)	4291633767 (0xFFCD2267)
YUV	92.9950, 4.9325, 98.2284
Hunter-Lab	38.8619, 61.5025, 5.4529

Details

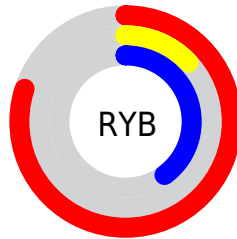
The Yxy color **15.1025, 0.4899, 0.2624** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **45.7815, 0.2604, 0.4426**, and the grayscale version is **10.9221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7074, 0.4357, 0.2760**, and **6.2247, 0.5347, 0.2719** is the 20% darker color. If you saturate the color by 10%, you get **14.0315, 0.5197, 0.2680**, and if you desaturate by 10%, it is **16.9091, 0.4592, 0.2621**.

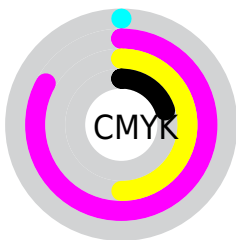
Distribution



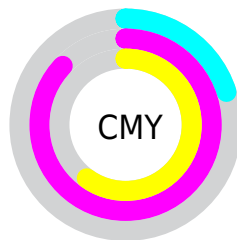
- Red (80%)
- Green (13%)
- Blue (40%)



- Red (80%)
- Yellow (13%)
- Blue (40%)



- Cyan (0%)
- Magenta (83%)
- Yellow (50%)
- Black (20%)





- Cyan (20%)
- Magenta (87%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1025, 0.4899, 0.2624 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 15.1025, 0.4899, 0.2624 by changing the saturation by 10% instead.


 15.1025, 0.4899,
0.2624


 15.1025, 0.4899,
0.2624


223.9858, 0.3859,
0.3028


 8.8914, 0.5219,
0.2493


 35.0329, 0.4478,
0.2791


 4.6704, 0.5670,
0.2304

 49.5209, 0.4334,
0.2848


 2.0552, 0.6337,
0.2013

 67.5367, 0.4217,
0.2893

 0.6392, 0.7625,
0.1535

 89.4647, 0.4120,
0.2930

 0.0000, 1.0000,
0.0000

 115.6891, 0.4039,
0.2960

 0.0000, 0.0000,
0.0000

 146.5946, 0.3970,

0.2986

182.5653, 0.3911,
0.3009

■ 15.1025, 0.4899,
0.2624

■ 15.1025, 0.4899,
0.2624

■ 14.0315, 0.5197,
0.2680

■ 16.9091, 0.4592,
0.2621

■ 13.5987, 0.5382,
0.2738

■ 19.5583, 0.4296,
0.2663

■ 23.1420, 0.4025,
0.2738

■ 27.7392, 0.3788,
0.2834

■ 33.4205, 0.3586,
0.2940

■ 40.2502, 0.3417,
0.3049

■ 48.2873, 0.3277,
0.3155

■ 57.5871, 0.3161,
0.3257

■ 68.2010, 0.3067,
0.3352

Harmonies

Analogous

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



15.1025, 0.3507, 0.1993



15.1025, 0.4899, 0.2624



15.1025, 0.5655, 0.3365

Triad

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



15.1025, 0.4899, 0.2624



15.1025, 0.3491, 0.5821



15.1025, 0.1139, 0.1700

Complementary

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



15.1025, 0.4899, 0.2624



45.7815, 0.2604, 0.4426

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.



15.1025, 0.1123, 0.2391



15.1025, 0.4899, 0.2624



15.1025, 0.2362, 0.5399

Square

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



15.1025, 0.4899, 0.2624



15.1025, 0.4601, 0.5121



15.1025, 0.1502, 0.3781



15.1025, 0.1493, 0.1486

Rectangle

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



15.1025, 0.4899, 0.2624



15.1025, 0.5609, 0.3901



15.1025, 0.1502, 0.3781



15.1025, 0.1097, 0.1865

Sweetspot

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



15.1034, 0.4899, 0.2624



63.6385, 0.3447, 0.3028



10.6017, 0.2359, 0.1169



12.7503, 0.3506, 0.2989



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.



15.1034, 0.4899, 0.2624



22.2363, 0.5413, 0.2755



15.2309, 0.5920, 0.3398



11.2874, 0.3228, 0.3197



8.4835, 0.5345, 0.2718



0.4526, 0.4831, 0.2435

Inverse Universe

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



15.1034, 0.4899, 0.2624



22.2363, 0.5413, 0.2755



41.9015, 0.2218, 0.3072



11.2874, 0.3228, 0.3197



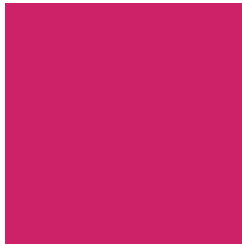
8.4835, 0.5345, 0.2718



0.4526, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 15.1025, 0.4899, 0.2624 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 15.1025, 0.4899, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

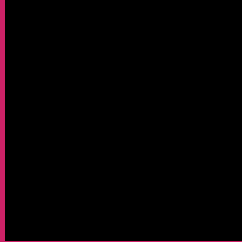
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1025, 0.4899, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 15.1025, 0.4899, 0.2624.



This preview shows how white text looks on a background with the Yxy color 15.1025, 0.4899, 0.2624.

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

15.1025, 0.4899, 0.2624

Protanopia

15.4176, 0.2634, 0.2607

Deuteranopia

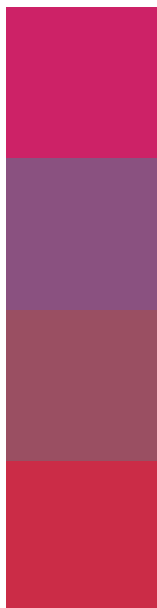
15.2893, 0.3554, 0.3489



Tritanopia

15.0857, 0.5679, 0.3280

Trichromacy



Original Color

15.1025, 0.4899, 0.2624

Protanomaly

12.8466, 0.3321, 0.2463

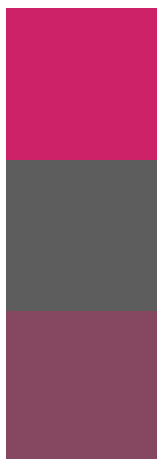
Deuteranomaly

13.3438, 0.4088, 0.2976

Tritanomaly

14.9528, 0.5435, 0.3048

Monochromacy



Original Color

15.1025, 0.4899, 0.2624

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.5661, 0.3818, 0.2820

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1025, 0.4899, 0.2624 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(205, 34, 103)` looks like.

```
.text, #text, p{  
    color:rgb(205, 34, 103)  
}
```

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(205, 34, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 34, 103) }
```

Border

The CSS property to change the border of an element to Yxy 15.1025, 0.4899, 0.2624 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(205, 34, 103) }
```

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

```
.border{ border-color:rgb(205, 34, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 34, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 34, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 34, 103);  
box-shadow:4px 4px 4px 4px rgb(205, 34,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1025, 0.4899, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 34, 103) }
```

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

```
.background{ background-color: rgb(205, 34,  
103) }
```

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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