

Converting Colors

$Yxy(14.8376, 0.4667, 0.2573)$

Have a look what the booklet for
Yxy(14.8376, 0.4667, 0.2573)
contains.

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Color

Yxy(14.8376, 0.4667, 0.2573)

Conversions

Conversions Part 1

Format	Color
Hex	C62B6D
RGB	198, 43, 109
RGB Percent	78%, 17%, 43%
CMY	0.2235, 0.8313, 0.5725
CMYK	0.00, 0.78, 0.45, 0.22
HSL	334°, 64%, 47%
HSV	334°, 78%, 78%
XYZ	26.9130, 14.8376, 15.9160
YIQ	96.8690, 71.1940, 53.3860

Conversions

Conversions Part 2

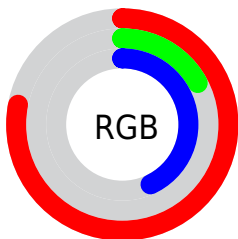
Format	Color
R_{YB}	198, 43, 109
Decimal	12987245
CIE _{Lab}	45.41, 63.63, 0.53
CIE _{LCh}	45, 63.630, 0.474
Yxy	14.8376, 0.4667, 0.2573
Android (android.graphics.Color)	4291177325 (0xFFC62B6D)
YUV	96.8690, 5.9806, 88.6919
Hunter-Lab	38.5196, 57.3055, 2.4656

Details

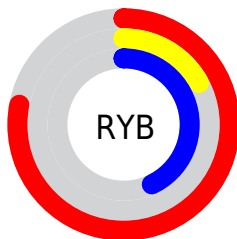
The Yxy color **14.8376, 0.4667, 0.2573** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **42.5672, 0.2624, 0.4405**, and the grayscale version is **11.8938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6987, 0.4263, 0.2735**, and **5.7511, 0.5120, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **13.5018, 0.4959, 0.2596**, and if you desaturate by 10%, it is **16.9049, 0.4378, 0.2600**.

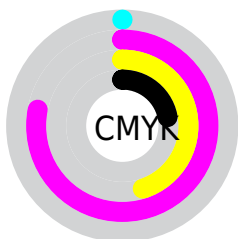
Distribution



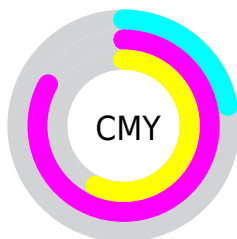
- Red (78%)
- Green (17%)
- Blue (43%)



- Red (78%)
- Yellow (17%)
- Blue (43%)



- Cyan (0%)
- Magenta (78%)
- Yellow (45%)
- Black (22%)




- Cyan (22%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8376, 0.4667, 0.2573 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 14.8376, 0.4667, 0.2573 by changing the saturation by 10% instead.


 14.8376, 0.4667,
0.2573


 14.8376, 0.4667,
0.2573


222.3811, 0.3763,
0.2995


 8.7055, 0.4948,
0.2441


 34.5680, 0.4301,
0.2745


 4.5496, 0.5346,
0.2254


 48.9351, 0.4175,
0.2803


 1.9855, 0.5947,
0.1970

 66.8160, 0.4073,
0.2851

 0.5990, 0.7035,
0.1462

 88.5951, 0.3989,
0.2890

 0.0000, 1.0000,
0.0000

 114.6568, 0.3919,
0.2923

 0.0000, 0.0000,
0.0000

 145.3854, 0.3859,

0.2950

181.1654, 0.3808,
0.2974

■ 14.8376, 0.4667,
0.2573

■ 14.8376, 0.4667,
0.2573

■ 13.5018, 0.4959,
0.2596

■ 16.9049, 0.4378,
0.2600

■ 12.7559, 0.5236,
0.2670

■ 19.7917, 0.4108,
0.2666

■ 12.6506, 0.5283,
0.2684

■ 23.5759, 0.3867,
0.2759

■ 28.3256, 0.3658,
0.2866

■ 34.1024, 0.3481,
0.2980

■ 40.9625, 0.3334,
0.3094

■ 48.9582, 0.3212,
0.3204

■ 58.1383, 0.3111,
0.3307

■ 68.5488, 0.3029,
0.3404

Harmonies

Analogous

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



14.8376, 0.3326, 0.1980



14.8376, 0.4667, 0.2573



14.8376, 0.5504, 0.3292

Triad

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



14.8376, 0.4667, 0.2573



14.8376, 0.3645, 0.5664



14.8376, 0.1185, 0.1819

Complementary

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



14.8376, 0.4667, 0.2573



42.5672, 0.2624, 0.4405

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.



14.8376, 0.1217, 0.2569



14.8376, 0.4667, 0.2573



14.8376, 0.2541, 0.5406

Square

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



14.8376, 0.4667, 0.2573



14.8376, 0.4691, 0.4965



14.8376, 0.1652, 0.3965



14.8376, 0.1488, 0.1557

Rectangle

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



14.8376, 0.4667, 0.2573



14.8376, 0.5550, 0.3810



14.8376, 0.1652, 0.3965



14.8376, 0.1157, 0.2004

Sweetspot

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



14.8384, 0.4667, 0.2573



66.1357, 0.3405, 0.3037



10.6180, 0.2388, 0.1243



13.2318, 0.3461, 0.2995



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.



14.8384, 0.4667, 0.2573



22.9033, 0.5158, 0.2646



14.7577, 0.5739, 0.3386



10.7107, 0.3224, 0.3192



8.2435, 0.5250, 0.2666



0.4048, 0.4721, 0.2374

Inverse Universe

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



14.8384, 0.4667, 0.2573



22.9033, 0.5158, 0.2646



40.4148, 0.2252, 0.3128



10.7107, 0.3224, 0.3192



8.2435, 0.5250, 0.2666



0.4048, 0.4721, 0.2374

Previews

White Background



This preview shows how the Yxy color 14.8376, 0.4667, 0.2573 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 14.8376, 0.4667, 0.2573 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 14.8376, 0.4667, 0.2573

Background



This preview shows how black text looks on a background with the Yxy color 14.8376, 0.4667, 0.2573.



This preview shows how white text looks on a background with the Yxy color 14.8376, 0.4667, 0.2573.

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

14.8376, 0.4667, 0.2573

Protanopia

15.1634, 0.2561, 0.2513

Deuteranopia

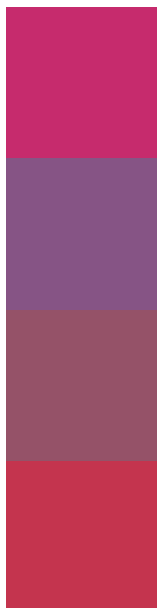
15.1077, 0.3411, 0.3371



Tritanopia

14.8546, 0.5450, 0.3267

Trichromacy



Original Color

14.8376, 0.4667, 0.2573

Protanomaly

13.1024, 0.3183, 0.2420

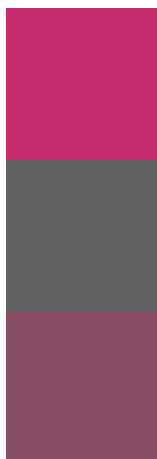
Deuteranomaly

13.4236, 0.3887, 0.2913

Tritanomaly

14.7418, 0.5196, 0.3019

Monochromacy



Original Color

14.8376, 0.4667, 0.2573

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.3157, 0.3721, 0.2839

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8376, 0.4667, 0.2573 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(198, 43, 109)` looks like.

```
.text, #text, p{  
    color:rgb(198, 43, 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(198, 43, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 43, 109) }
```

Border

The CSS property to change the border of an element to Yxy 14.8376, 0.4667, 0.2573 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(198, 43, 109) }
```

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

```
.border{ border-color:rgb(198, 43, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 43, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 43, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 43, 109);  
box-shadow:4px 4px 4px 4px rgb(198, 43,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8376, 0.4667, 0.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 43, 109) }
```

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

```
.background{ background-color: rgb(198, 43,  
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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