

Converting Colors

$Y_{xy}(16.0866, 0.4432, 0.2618)$

Have a look what the booklet for
Yxy(16.0866, 0.4432, 0.2618)
contains.

Yxy(16.0948, 0.4430, 0.2614)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.0948, 0.4430, 0.2614)

Conversions

Conversions Part 1

Format	Color
Hex	C33C74
RGB	195, 60, 116
RGB Percent	76%, 24%, 45%
CMY	0.2353, 0.7647, 0.5450
CMYK	0.00, 0.69, 0.40, 0.24
HSL	335°, 53%, 50%
HSV	335°, 69%, 76%
XYZ	27.2762, 16.0948, 18.2005
YIQ	106.7490, 62.4840, 46.0360

Conversions

Conversions Part 2

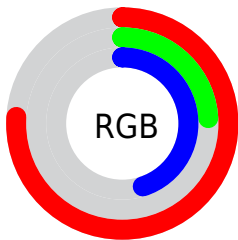
Format	Color
R_{YB}	195, 60, 116
Decimal	12794996
CIE _{Lab}	47.10, 57.82, -1.38
CIE _{LCh}	47, 57.841, 358.632
Yxy	16.0948, 0.4430, 0.2614
Android (android.graphics.Color)	4290985076 (0xFFC33C74)
YUV	106.7490, 4.5607, 77.3961
Hunter-Lab	40.1183, 51.1539, 1.1846

Details

The Yxy color **16.0948, 0.4430, 0.2614** 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 **41.8562, 0.2630, 0.4227**, and the grayscale version is **14.6045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8097, 0.4118, 0.2773**, and **5.6516, 0.4907, 0.2477** is the 20% darker color. If you saturate the color by 10%, you get **14.1661, 0.4726, 0.2594**, and if you desaturate by 10%, it is **18.8103, 0.4152, 0.2675**.

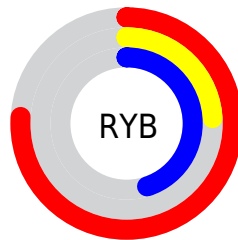
Distribution



Red (76%)

Green (24%)

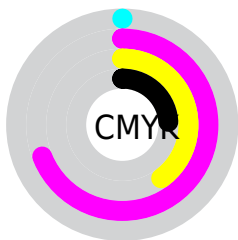
Blue (45%)



Red (76%)

Yellow (24%)

Blue (45%)

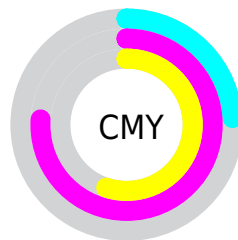


Cyan (0%)

Magenta (69%)

Yellow (40%)

Black (24%)



Cyan (24%)


Magenta (76%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0948, 0.4430, 0.2614 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 16.0948, 0.4430, 0.2614 by changing the saturation by 10% instead.


 16.0948, 0.4430,
0.2614


 16.0948, 0.4430,
0.2614


229.9005, 0.3673,
0.3004

 9.5913, 0.4662,
0.2496


 36.7627, 0.4125,
0.2770


 5.1288, 0.4991,
0.2329

 51.6959, 0.4020,
0.2824

 2.3230, 0.5487,
0.2080

 70.2077, 0.3935,
0.2868

 0.7859, 0.6304,
0.1671

 92.6825, 0.3865,
0.2905

 0.0000, 1.0000,
0.0000

 119.5049, 0.3805,
0.2936

 0.0000, 0.0000,
0.0000

151.0590, 0.3755,

0.2962

187.7294, 0.3711,
0.2984

■ 16.0948, 0.4430,
0.2614

■ 16.0948, 0.4430,
0.2614

■ 14.1661, 0.4726,
0.2594

■ 18.8103, 0.4152,
0.2675

■ 12.9330, 0.5023,
0.2624

■ 22.3854, 0.3902,
0.2763

■ 12.2415, 0.5304,
0.2701

■ 26.8872, 0.3686,
0.2867

■ 12.1958, 0.5326,
0.2707

■ 32.3756, 0.3503,
0.2978

■ 38.9054, 0.3350,
0.3089

■ 46.5272, 0.3224,
0.3196

■ 55.2884, 0.3120,
0.3298

■ 65.2335, 0.3034,
0.3392

■ 76.4048, 0.2964,
0.3479

Harmonies

Analogous

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



16.0948, 0.3244, 0.2069



16.0948, 0.4430, 0.2614



16.0948, 0.5226, 0.3291

Triad

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



16.0948, 0.4430, 0.2614



16.0948, 0.3714, 0.5395



16.0948, 0.1333, 0.1994

Complementary

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



16.0948, 0.4430, 0.2614



41.8562, 0.2630, 0.4227

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.



16.0948, 0.1396, 0.2730



16.0948, 0.4430, 0.2614



16.0948, 0.2696, 0.5173

Square

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



16.0948, 0.4430, 0.2614



16.0948, 0.4646, 0.4815



16.0948, 0.1847, 0.3981



16.0948, 0.1601, 0.1710

Rectangle

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



16.0948, 0.4430, 0.2614



16.0948, 0.5328, 0.3778



16.0948, 0.1847, 0.3981



16.0948, 0.1316, 0.2181

Sweetspot

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



16.0957, 0.4430, 0.2614



67.0710, 0.3380, 0.3066



12.6392, 0.2519, 0.1442



13.9490, 0.3422, 0.3035



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.



16.0957, 0.4430, 0.2614



24.1097, 0.4878, 0.2602



16.4669, 0.5314, 0.3419



10.1457, 0.3225, 0.3195



7.9421, 0.5291, 0.2688



0.3569, 0.4716, 0.2371

Inverse Universe

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



16.0957, 0.4430, 0.2614



24.1097, 0.4878, 0.2602



39.0798, 0.2294, 0.3113



10.1457, 0.3225, 0.3195



7.9421, 0.5291, 0.2688



0.3569, 0.4716, 0.2371

Previews

White Background



This preview shows how the Yxy color 16.0948, 0.4430, 0.2614 looks on a white background.

Color Contrast Check

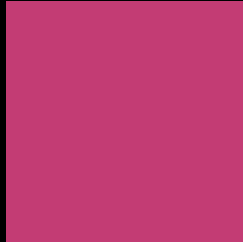
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0948, 0.4430, 0.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

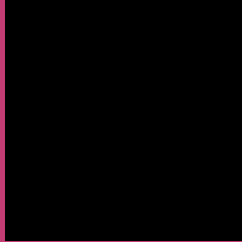
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0948, 0.4430, 0.2614

Background



This preview shows how black text looks on a background with the Yxy color 16.0948, 0.4430, 0.2614.



This preview shows how white text looks on a background with the Yxy color 16.0948, 0.4430, 0.2614.

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

16.0948, 0.4430, 0.2614

Protanopia

16.3318, 0.2615, 0.2587

Deuteranopia

16.3265, 0.3334, 0.3291



Tritanopia

16.0812, 0.5084, 0.3249

Trichromacy



Original Color

16.0948, 0.4430, 0.2614

Protanomaly

14.6661, 0.3163, 0.2518

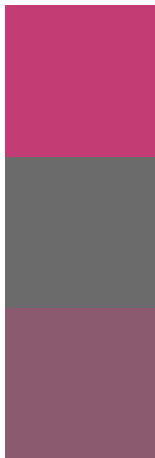
Deuteranomaly

15.1361, 0.3728, 0.2932

Tritanomaly

15.9552, 0.4869, 0.3018

Monochromacy



Original Color

16.0948, 0.4430, 0.2614

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

13.9271, 0.3598, 0.2927

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0948, 0.4430, 0.2614 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(195, 60, 116)` looks like.

```
.text, #text, p{  
    color:rgb(195, 60, 116)  
}
```

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(195, 60, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 116) }
```

Border

The CSS property to change the border of an element to Yxy 16.0948, 0.4430, 0.2614 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(195, 60, 116) }
```

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

```
.border{ border-color:rgb(195, 60, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 60, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 60, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 60, 116); box-shadow:4px 4px 4px 4px rgb(195, 60, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0948, 0.4430, 0.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 60, 116) }
```

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

```
.background{ background-color: rgb(195, 60,  
116) }
```

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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