

Converting Colors

$Y_{xy}(14.9010, 0.4929, 0.2762)$

Have a look what the booklet for
Yxy(14.9010, 0.4929, 0.2762)
contains.

Yxy(14.9406, 0.4922, 0.2760)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.9406, 0.4922, 0.2760)

Conversions

Conversions Part 1

Format	Color
Hex	C72E60
RGB	199, 46, 96
RGB Percent	78%, 18%, 38%
CMY	0.2196, 0.8197, 0.6235
CMYK	0.00, 0.77, 0.52, 0.22
HSL	340°, 62%, 48%
HSV	340°, 77%, 78%
XYZ	26.6441, 14.9406, 12.5479
YIQ	97.4470, 75.1380, 47.9860

Conversions

Conversions Part 2

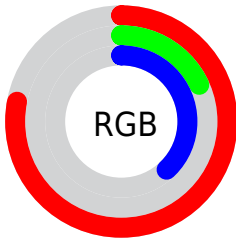
Format	Color
RYB	199, 46, 96
Decimal	13053536
CIELab	45.55, 61.92, 8.80
CIElCh	46, 62.542, 8.087
Yxy	14.9406, 0.4922, 0.2760
Android (android.graphics.Color)	4291243616 (0xFFC72E60)
YUV	97.4470, -0.7134, 89.0620
Hunter-Lab	38.6531, 55.3995, 7.8099

Details

The Yxy color **14.9406, 0.4922, 0.2760** 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 **43.6022, 0.2545, 0.4113**, and the grayscale version is **12.0569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6434, 0.4439, 0.2895**, and **5.7193, 0.5482, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **13.5049, 0.5269, 0.2793**, and if you desaturate by 10%, it is **17.1401, 0.4575, 0.2773**.

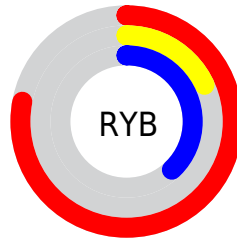
Distribution



Red (78%)

Green (18%)

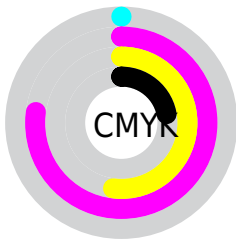
Blue (38%)



Red (78%)

Yellow (18%)

Blue (38%)

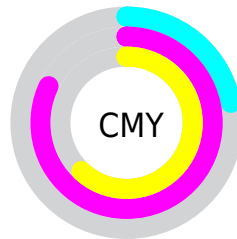


Cyan (0%)

Magenta (77%)

Yellow (52%)

Black (22%)



Cyan (22%)


Magenta (82%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.9406, 0.4922, 0.2760 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 14.9406, 0.4922, 0.2760 by changing the saturation by 10% instead.


 14.9406, 0.4922,
0.2760


 14.9406, 0.4922,
0.2760


223.0064, 0.3862,
0.3096


 8.7777, 0.5252,
0.2643


 34.7489, 0.4491,
0.2904


 4.5965, 0.5718,
0.2468

 49.1632, 0.4343,
0.2951


 2.0125, 0.6409,
0.2188

 67.0967, 0.4224,
0.2988

 0.6147, 0.8084,
0.1761

 88.9338, 0.4126,
0.3018

 0.0000, 1.0000,
0.0000

 115.0589, 0.4044,
0.3043

 0.0000, 0.0000,
0.0000

 145.8565, 0.3974,

0.3064

181.7108, 0.3914,
0.3081

■ 14.9406, 0.4922,
0.2760

■ 14.9406, 0.4922,
0.2760

■ 13.5049, 0.5269,
0.2793

■ 17.1401, 0.4575,
0.2773

■ 12.7103, 0.5585,
0.2874

■ 20.1910, 0.4251,
0.2820

■ 12.5259, 0.5678,
0.2901

■ 24.1716, 0.3964,
0.2892

■ 29.1505, 0.3719,
0.2975

■ 35.1898, 0.3514,
0.3064

■ 42.3467, 0.3345,
0.3151

■ 50.6739, 0.3207,
0.3235

■ 60.2212, 0.3095,
0.3314

■ 71.0351, 0.3002,
0.3387

Harmonies

Analogous

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



14.9406, 0.3663, 0.2129



14.9406, 0.4922, 0.2760



14.9406, 0.5529, 0.3491

Triad

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



14.9406, 0.4922, 0.2760



14.9406, 0.3369, 0.5678



14.9406, 0.1254, 0.1739

Complementary

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



14.9406, 0.4922, 0.2760



43.6022, 0.2545, 0.4113

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.



14.9406, 0.1202, 0.2340



14.9406, 0.4922, 0.2760



14.9406, 0.2301, 0.5076

Square

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



14.9406, 0.4922, 0.2760



14.9406, 0.4433, 0.5161



14.9406, 0.1523, 0.3558



14.9406, 0.1645, 0.1570

Rectangle

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



14.9406, 0.4922, 0.2760



14.9406, 0.5434, 0.4020



14.9406, 0.1523, 0.3558



14.9406, 0.1200, 0.1882

Sweetspot

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



14.9415, 0.4922, 0.2760



65.8311, 0.3450, 0.3095



12.3734, 0.2581, 0.1359



13.1589, 0.3516, 0.3063



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.



14.9415, 0.4922, 0.2760



22.6392, 0.5478, 0.2841



16.9102, 0.5520, 0.3545



10.6932, 0.3239, 0.3215



8.0679, 0.5642, 0.2882



0.3954, 0.5044, 0.2552

Inverse Universe

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



14.9415, 0.4922, 0.2760



22.6392, 0.5478, 0.2841



34.7868, 0.2195, 0.2884



10.6932, 0.3239, 0.3215



8.0679, 0.5642, 0.2882



0.3954, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 14.9406, 0.4922, 0.2760 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 14.9406, 0.4922, 0.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

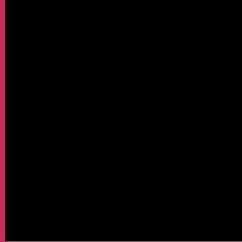
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9406, 0.4922, 0.2760

Background



This preview shows how black text looks on a background with the Yxy color 14.9406, 0.4922, 0.2760.



This preview shows how white text looks on a background with the Yxy color 14.9406, 0.4922, 0.2760.

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

14.9406, 0.4922, 0.2760

Protanopia

15.2532, 0.2826, 0.2867

Deuteranopia

15.0575, 0.3660, 0.3588



Tritanopia

14.9082, 0.5514, 0.3268

Trichromacy



Original Color

14.9406, 0.4922, 0.2760

Protanomaly

13.2703, 0.3501, 0.2716

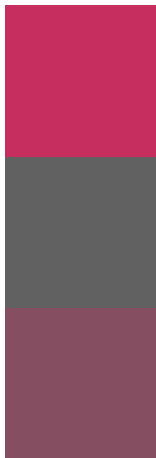
Deuteranomaly

13.7315, 0.4155, 0.3141

Tritanomaly

14.9296, 0.5321, 0.3093

Monochromacy



Original Color

14.9406, 0.4922, 0.2760

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.3802, 0.3790, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9406, 0.4922, 0.2760 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(199, 46, 96)` looks like.

```
.text, #text, p{  
    color:rgb(199, 46, 96)  
}
```

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(199, 46, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 46, 96) }
```

Border

The CSS property to change the border of an element to Yxy 14.9406, 0.4922, 0.2760 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(199, 46, 96) }
```

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

```
.border{ border-color:rgb(199, 46, 96) }
```

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

Here you see how a box with a 4 pixel rgb(199, 46, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 46, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 46, 96);  
box-shadow:4px 4px 4px 4px rgb(199, 46,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9406, 0.4922, 0.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 46, 96) }
```

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

```
.background{ background-color: rgb(199, 46,  
96) }
```

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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