

Converting Colors

$Y_{xy}(16.0195, 0.4612, 0.2706)$

Have a look what the booklet for
Yxy(16.0195, 0.4612, 0.2706)
contains.

Yxy(15.9791, 0.4613, 0.2706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.9791, 0.4613, 0.2706)

Conversions

Conversions Part 1

Format	Color
Hex	C53A6C
RGB	197, 58, 108
RGB Percent	77%, 23%, 42%
CMY	0.2276, 0.7724, 0.5765
CMYK	0.00, 0.71, 0.45, 0.23
HSL	338°, 54%, 50%
HSV	338°, 71%, 77%
XYZ	27.2401, 15.9791, 15.8315
YIQ	105.2610, 66.7940, 45.0180

Conversions

Conversions Part 2

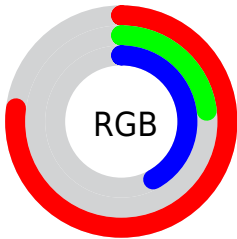
Format	Color
R _Y B	197, 58, 108
Decimal	12925548
CIE Lab	46.95, 58.33, 3.36
CIE LCh	47, 58.428, 3.298
Yxy	15.9791, 0.4613, 0.2706
Android (android.graphics.Color)	4291115628 (0xFFC53A6C)
YUV	105.2610, 1.3503, 80.4551
Hunter-Lab	39.9739, 51.6839, 4.5002

Details

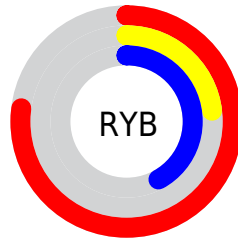
The Yxy color **15.9791, 0.4613, 0.2706** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **42.9293, 0.2584, 0.4112**, and the grayscale version is **14.1885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0247, 0.4237, 0.2846**, and **5.7402, 0.5149, 0.2610** is the 20% darker color. If you saturate the color by 10%, you get **14.1084, 0.4944, 0.2703**, and if you desaturate by 10%, it is **18.6500, 0.4298, 0.2750**.

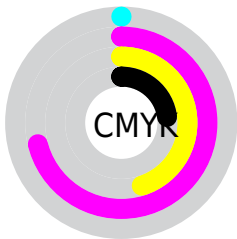
Distribution



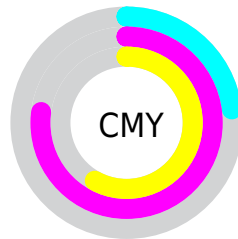
- Red (77%)
- Green (23%)
- Blue (42%)



- Red (77%)
- Yellow (23%)
- Blue (42%)



- Cyan (0%)
- Magenta (71%)
- Yellow (45%)
- Black (23%)





- Cyan (23%)
- Magenta (77%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.9791, 0.4613, 0.2706 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 15.9791, 0.4613, 0.2706 by changing the saturation by 10% instead.


 15.9791, 0.4613,
0.2706


 15.9791, 0.4613,
0.2706


229.2184, 0.3744,
0.3055

 9.5094, 0.4881,
0.2594


 36.5619, 0.4262,
0.2849


 5.0749, 0.5261,
0.2434

 51.4438, 0.4141,
0.2898


 2.2913, 0.5833,
0.2186

 69.8985, 0.4043,
0.2937

 0.7691, 0.6831,
0.1777

 92.3104, 0.3963,
0.2969

 0.0000, 1.0000,
0.0000

 119.0640, 0.3895,
0.2996

 0.0000, 0.0000,
0.0000

150.5436, 0.3837,

0.3019

187.1336, 0.3788,
0.3038

■ 15.9791, 0.4613,
0.2706

■ 15.9791, 0.4613,
0.2706

■ 14.1084, 0.4944,
0.2703

■ 18.6500, 0.4298,
0.2750

■ 12.9415, 0.5269,
0.2750

■ 22.1975, 0.4015,
0.2822

■ 12.3192, 0.5551,
0.2832

■ 26.6920, 0.3769,
0.2910

■ 32.1958, 0.3562,
0.3006

■ 38.7661, 0.3390,
0.3103

■ 46.4557, 0.3249,
0.3197

■ 55.3137, 0.3133,
0.3285

■ 65.3865, 0.3038,
0.3368

■ 76.7179, 0.2960,
0.3444

Harmonies

Analogous

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



15.9791, 0.3431, 0.2129



15.9791, 0.4613, 0.2706



15.9791, 0.5308, 0.3399

Triad

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



15.9791, 0.4613, 0.2706



15.9791, 0.3555, 0.5456



15.9791, 0.1337, 0.1910

Complementary

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



15.9791, 0.4613, 0.2706



42.9293, 0.2584, 0.4112

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.



15.9791, 0.1347, 0.2570



15.9791, 0.4613, 0.2706



15.9791, 0.2535, 0.5063

Square

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



15.9791, 0.4613, 0.2706



15.9791, 0.4525, 0.4942



15.9791, 0.1733, 0.3769



15.9791, 0.1659, 0.1683

Rectangle

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



15.9791, 0.4613, 0.2706



15.9791, 0.5325, 0.3896



15.9791, 0.1733, 0.3769



15.9791, 0.1303, 0.2073

Sweetspot

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



15.9800, 0.4613, 0.2706



68.4478, 0.3403, 0.3095



13.1749, 0.2584, 0.1452



13.9113, 0.3448, 0.3068



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.



15.9800, 0.4613, 0.2706



23.9270, 0.5134, 0.2724



17.4206, 0.5302, 0.3498



10.6989, 0.3234, 0.3207



8.1199, 0.5517, 0.2813



0.3983, 0.4937, 0.2493

Inverse Universe

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



15.9800, 0.4613, 0.2706



23.9270, 0.5134, 0.2724



36.9512, 0.2258, 0.2998



10.6989, 0.3234, 0.3207



8.1199, 0.5517, 0.2813



0.3983, 0.4937, 0.2493

Previews

White Background



This preview shows how the Yxy color 15.9791, 0.4613, 0.2706 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 15.9791, 0.4613, 0.2706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

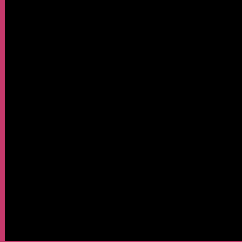
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9791, 0.4613, 0.2706

Background



This preview shows how black text looks on a background with the Yxy color 15.9791, 0.4613, 0.2706.



This preview shows how white text looks on a background with the Yxy color 15.9791, 0.4613, 0.2706.

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

15.9791, 0.4613, 0.2706

Protanopia

16.2362, 0.2735, 0.2747

Deuteranopia

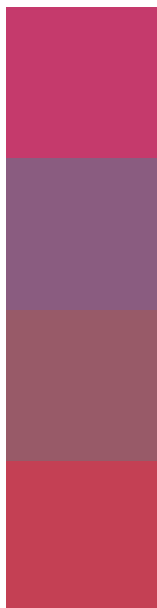
16.1767, 0.3488, 0.3427



Tritanopia

16.0713, 0.5189, 0.3251

Trichromacy



Original Color

15.9791, 0.4613, 0.2706

Protanomaly

14.6161, 0.3304, 0.2652

Deuteranomaly

14.9872, 0.3893, 0.3054

Tritanomaly

16.0426, 0.5005, 0.3065

Monochromacy



Original Color

15.9791, 0.4613, 0.2706

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.4233, 0.3654, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9791, 0.4613, 0.2706 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(197, 58, 108)` looks like.

```
.text, #text, p{  
    color:rgb(197, 58, 108)  
}
```

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(197, 58, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 58, 108) }
```

Border

The CSS property to change the border of an element to Yxy 15.9791, 0.4613, 0.2706 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(197, 58, 108) }
```

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

```
.border{ border-color:rgb(197, 58, 108) }
```

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

Here you see how a box with a 4 pixel rgb(197, 58, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 58, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 58, 108);  
box-shadow:4px 4px 4px 4px rgb(197, 58,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9791, 0.4613, 0.2706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 58, 108) }
```

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

```
.background{ background-color: rgb(197, 58,  
108) }
```

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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