

Converting Colors

$Y_{xy}(15.7527, 0.4747, 0.2825)$

Have a look what the booklet for
Yxy(15.7527, 0.4747, 0.2825)
contains.

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Color

Yxy(15.7347, 0.4747, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	C33C63
RGB	195, 60, 99
RGB Percent	76%, 24%, 39%
CMY	0.2353, 0.7647, 0.6118
CMYK	0.00, 0.69, 0.49, 0.24
HSL	343°, 53%, 50%
HSV	343°, 69%, 76%
XYZ	26.3745, 15.7347, 13.4512
YIQ	104.8110, 67.9410, 40.7490

Conversions

Conversions Part 2

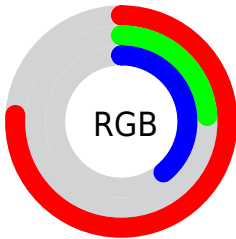
Format	Color
R _Y B	195, 60, 99
Decimal	12794979
CIE Lab	46.62, 56.19, 8.36
CIE LCh	47, 56.812, 8.467
Yxy	15.7347, 0.4747, 0.2832
Android (android.graphics.Color)	4290985059 (0xFFC33C63)
YUV	104.8110, -2.8648, 79.0958
Hunter-Lab	39.6670, 49.2671, 7.6615

Details

The Yxy color **15.7347, 0.4747, 0.2832** 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 **42.3935, 0.2536, 0.3926**, and the grayscale version is **14.0675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9528, 0.4345, 0.2948**, and **5.4913, 0.5359, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **13.8124, 0.5117, 0.2835**, and if you desaturate by 10%, it is **18.4568, 0.4395, 0.2865**.

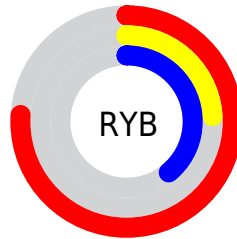
Distribution



Red (76%)

Green (24%)

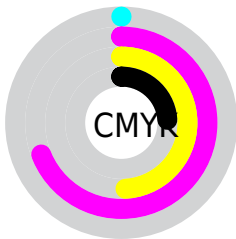
Blue (39%)



Red (76%)

Yellow (24%)

Blue (39%)

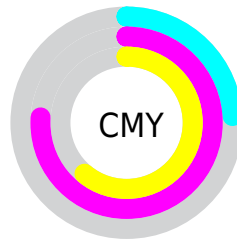


Cyan (0%)

Magenta (69%)

Yellow (49%)

Black (24%)



Cyan (24%)


Magenta (76%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7347, 0.4747, 0.2832 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 15.7347, 0.4747, 0.2832 by changing the saturation by 10% instead.


 15.7347, 0.4747,
0.2832


 15.7347, 0.4747,
0.2832


227.7711, 0.3794,
0.3121


 9.3366, 0.5043,
0.2732


 36.1370, 0.4360,
0.2956


 4.9614, 0.5463,
0.2581

 50.9100, 0.4228,
0.2996


 2.2246, 0.6092,
0.2338

 69.2435, 0.4120,
0.3028

 0.7334, 0.7446,
0.1977

 91.5218, 0.4032,
0.3054

 0.0000, 1.0000,
0.0000

 118.1293, 0.3958,
0.3075

 0.0000, 0.0000,
0.0000

149.4504, 0.3895,

0.3093

185.8696, 0.3841,
0.3108

■ 15.7347, 0.4747,
0.2832

■ 15.7347, 0.4747,
0.2832

■ 13.8124, 0.5117,
0.2835

■ 18.4568, 0.4395,
0.2865

■ 12.5974, 0.5475,
0.2883

■ 22.0525, 0.4079,
0.2923

■ 11.9347, 0.5788,
0.2968

■ 26.5900, 0.3809,
0.2994

■ 11.8914, 0.5811,
0.2975

■ 32.1299, 0.3582,
0.3072

■ 38.7278, 0.3395,
0.3150

■ 46.4352, 0.3243,
0.3225

■ 55.3002, 0.3118,
0.3295

■ 65.3680, 0.3017,
0.3361

■ 76.6815, 0.2935,
0.3420

Harmonies

Analogous

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



15.7347, 0.3632, 0.2235



15.7347, 0.4747, 0.2832



15.7347, 0.5301, 0.3529

Triad

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



15.7347, 0.4747, 0.2832



15.7347, 0.3381, 0.5419



15.7347, 0.1397, 0.1871

Complementary

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



15.7347, 0.4747, 0.2832



42.3935, 0.2536, 0.3926

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.



15.7347, 0.1351, 0.2439



15.7347, 0.4747, 0.2832



15.7347, 0.2393, 0.4839

Square

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



15.7347, 0.4747, 0.2832



15.7347, 0.4357, 0.5038



15.7347, 0.1665, 0.3529



15.7347, 0.1775, 0.1704

Rectangle

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



15.7347, 0.4747, 0.2832



15.7347, 0.5237, 0.4028



15.7347, 0.1665, 0.3529



15.7347, 0.1345, 0.2009

Sweetspot

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



15.7356, 0.4747, 0.2832



66.7205, 0.3431, 0.3133



14.0920, 0.2705, 0.1531



13.8645, 0.3482, 0.3111



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.



15.7356, 0.4747, 0.2832



23.4894, 0.5302, 0.2854



18.7459, 0.5144, 0.3608



10.1247, 0.3245, 0.3224



7.7412, 0.5776, 0.2955



0.3468, 0.5119, 0.2594

Inverse Universe

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



15.7356, 0.4747, 0.2832



23.4894, 0.5302, 0.2854



32.9079, 0.2231, 0.2855



10.1247, 0.3245, 0.3224



7.7412, 0.5776, 0.2955



0.3468, 0.5119, 0.2594

Previews

White Background



This preview shows how the Yxy color 15.7347, 0.4747, 0.2832 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 15.7347, 0.4747, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

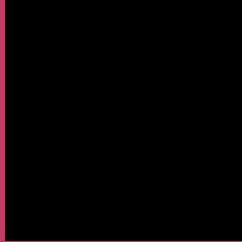
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7347, 0.4747, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 15.7347, 0.4747, 0.2832.



This preview shows how white text looks on a background with the Yxy color 15.7347, 0.4747, 0.2832.

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

15.7347, 0.4747, 0.2832

Protanopia

15.9094, 0.2923, 0.2971

Deuteranopia

15.8773, 0.3632, 0.3583



Tritanopia

15.6761, 0.5194, 0.3251

Trichromacy



Original Color

15.7347, 0.4747, 0.2832

Protanomaly

14.4907, 0.3512, 0.2860

Deuteranomaly

14.8140, 0.4042, 0.3207

Tritanomaly

15.7302, 0.5036, 0.3098

Monochromacy



Original Color

15.7347, 0.4747, 0.2832

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.5273, 0.3700, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7347, 0.4747, 0.2832 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(195, 60, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 99) }
```

Border

The CSS property to change the border of an element to Yxy 15.7347, 0.4747, 0.2832 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, 99) }
```

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

```
.border{ border-color:rgb(195, 60, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 60, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 60, 99);  
box-shadow:4px 4px 4px 4px rgb(195, 60,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7347, 0.4747, 0.2832 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, 99) }
```

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

```
.background{ background-color: rgb(195, 60,  
99) }
```

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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