

Converting Colors

$Yxy(15.1015, 0.4449, 0.2503)$

Have a look what the booklet for
Yxy(15.1015, 0.4449, 0.2503)
contains.

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Color

Yxy(15.0831, 0.4452, 0.2504)

Conversions

Conversions Part 1

Format	Color
Hex	C33175
RGB	195, 49, 117
RGB Percent	76%, 19%, 46%
CMY	0.2353, 0.8079, 0.5411
CMYK	0.00, 0.75, 0.40, 0.24
HSL	332°, 60%, 48%
HSV	332°, 75%, 76%
XYZ	26.8171, 15.0831, 18.3358
YIQ	100.4060, 65.1880, 52.1000

Conversions

Conversions Part 2

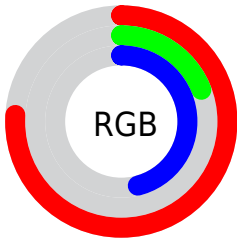
Format	Color
R _Y B	195, 49, 117
Decimal	12792181
CIE Lab	45.75, 61.79, -3.98
CIE LCh	46, 61.914, 356.312
Yxy	15.0831, 0.4452, 0.2504
Android (android.graphics.Color)	4290982261 (0xFFC33175)
YUV	100.4060, 8.1808, 82.9589
Hunter-Lab	38.8370, 55.2903, -0.8063

Details

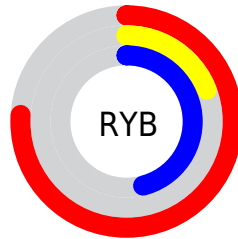
The Yxy color **15.0831, 0.4452, 0.2504** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **41.2168, 0.2659, 0.4453**, and the grayscale version is **12.8194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8497, 0.4134, 0.2680**, and **5.6639, 0.4877, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **13.5593, 0.4720, 0.2501**, and if you desaturate by 10%, it is **17.3410, 0.4193, 0.2555**.

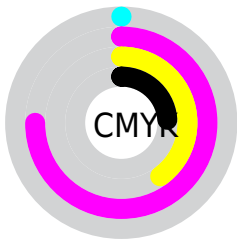
Distribution



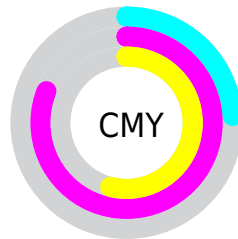
- Red (76%)
- Green (19%)
- Blue (46%)



- Red (76%)
- Yellow (19%)
- Blue (46%)



- Cyan (0%)
- Magenta (75%)
- Yellow (40%)
- Black (24%)





- Cyan (24%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0831, 0.4452, 0.2504 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 15.0831, 0.4452, 0.2504 by changing the saturation by 10% instead.


 15.0831, 0.4452,
0.2504


 15.0831, 0.4452,
0.2504


223.8687, 0.3681,
0.2954


 8.8777, 0.4690,
0.2369


 34.9989, 0.4141,
0.2683


 4.6615, 0.5027,
0.2182

 49.4781, 0.4034,
0.2745


 2.0501, 0.5536,
0.1904

 67.4841, 0.3947,
0.2796

 0.6363, 0.6402,
0.1424

 89.4011, 0.3875,
0.2839

 0.0000, 1.0000,
0.0000

 115.6137, 0.3815,
0.2874

 0.0000, 0.0000,
0.0000

146.5063, 0.3763,

0.2905

182.4631, 0.3719,
0.2931

■ 15.0831, 0.4452,
0.2504

■ 15.0831, 0.4452,
0.2504

■ 13.5593, 0.4720,
0.2501

■ 17.3410, 0.4193,
0.2555

■ 12.6679, 0.4981,
0.2551

■ 20.4123, 0.3955,
0.2641

■ 12.3557, 0.5112,
0.2590

■ 24.3686, 0.3744,
0.2749

■ 29.2729, 0.3562,
0.2870

■ 35.1825, 0.3408,
0.2995

■ 42.1499, 0.3279,
0.3118

■ 50.2240, 0.3172,
0.3235

■ 59.4509, 0.3084,
0.3346

■ 69.8737, 0.3012,
0.3448

Harmonies

Analogous

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



15.0831, 0.3147, 0.1947



15.0831, 0.4452, 0.2504



15.0831, 0.5372, 0.3202

Triad

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



15.0831, 0.4452, 0.2504



15.0831, 0.3799, 0.5540



15.0831, 0.1211, 0.1928

Complementary

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



15.0831, 0.4452, 0.2504



41.2168, 0.2659, 0.4453

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.



15.0831, 0.1295, 0.2749



15.0831, 0.4452, 0.2504



15.0831, 0.2714, 0.5444

Square

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



15.0831, 0.4452, 0.2504



15.0831, 0.4791, 0.4821



15.0831, 0.1792, 0.4164



15.0831, 0.1464, 0.1611

Rectangle

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



15.0831, 0.4452, 0.2504



15.0831, 0.5508, 0.3706



15.0831, 0.1792, 0.4164



15.0831, 0.1200, 0.2135

Sweetspot

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



15.0839, 0.4452, 0.2504



65.9880, 0.3373, 0.3026



10.6384, 0.2372, 0.1282



13.7397, 0.3411, 0.2992



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.



15.0839, 0.4452, 0.2504



23.1270, 0.4892, 0.2527



14.4499, 0.5638, 0.3342



10.1542, 0.3218, 0.3183



8.0468, 0.5080, 0.2572



0.3616, 0.4556, 0.2283

Inverse Universe

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



15.0839, 0.4452, 0.2504



23.1270, 0.4892, 0.2527



41.4798, 0.2289, 0.3212



10.1542, 0.3218, 0.3183



8.0468, 0.5080, 0.2572



0.3616, 0.4556, 0.2283

Previews

White Background



This preview shows how the Yxy color 15.0831, 0.4452, 0.2504 looks on a white background.

Color Contrast Check

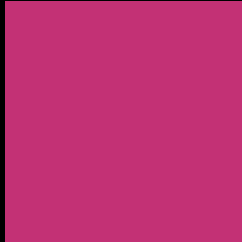
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0831, 0.4452, 0.2504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

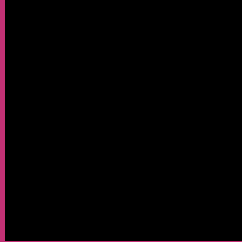
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0831, 0.4452, 0.2504

Background



This preview shows how black text looks on a background with the Yxy color 15.0831, 0.4452, 0.2504.



This preview shows how white text looks on a background with the Yxy color 15.0831, 0.4452, 0.2504.

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

15.0831, 0.4452, 0.2504

Protanopia

15.4911, 0.2482, 0.2416

Deuteranopia

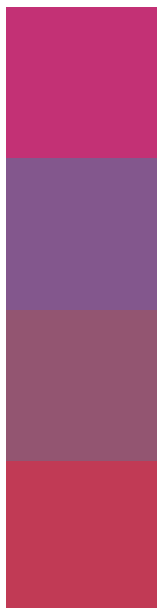
15.3558, 0.3257, 0.3211



Tritanopia

15.1548, 0.5275, 0.3263

Trichromacy



Original Color

15.0831, 0.4452, 0.2504

Protanomaly

13.5648, 0.3029, 0.2337

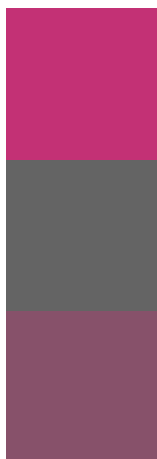
Deuteranomaly

13.8923, 0.3690, 0.2807

Tritanomaly

15.0194, 0.4996, 0.2984

Monochromacy



Original Color

15.0831, 0.4452, 0.2504

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.0764, 0.3633, 0.2824

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0831, 0.4452, 0.2504 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, 49, 117)` looks like.

```
.text, #text, p{  
  color:rgb(195, 49, 117)  
}
```

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, 49, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 49, 117) }
```

Border

The CSS property to change the border of an element to Yxy 15.0831, 0.4452, 0.2504 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, 49, 117) }
```

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

```
.border{ border-color:rgb(195, 49, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 49, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 49, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 49, 117);  
box-shadow:4px 4px 4px 4px rgb(195, 49,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0831, 0.4452, 0.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 49, 117) }
```

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

```
.background{ background-color: rgb(195, 49,  
117) }
```

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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