

Converting Colors

$Yxy(15.2453, 0.3564, 0.2011)$

Have a look what the booklet for
Yxy(15.2453, 0.3564, 0.2011)
contains.

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Color

$Y_{xy}(15.2340, 0.3567, 0.2014)$

Conversions

Conversions Part 1

Format	Color
Hex	B7379D
RGB	183, 55, 157
RGB Percent	72%, 22%, 62%
CMY	0.2824, 0.7843, 0.3842
CMYK	0.00, 0.70, 0.14, 0.28
HSL	312°, 54%, 47%
HSV	312°, 70%, 72%
XYZ	26.9810, 15.2340, 33.4255
YIQ	104.9000, 43.5460, 58.8580

Conversions

Conversions Part 2

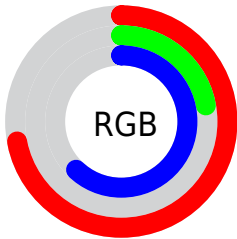
Format	Color
R_{YB}	183, 55, 157
Decimal	12007325
CIE _{Lab}	45.95, 61.57, -28.10
CIE _{LCh}	46, 67.678, 335.466
Yxy	15.2340, 0.3567, 0.2014
Android (android.graphics.Color)	4290197405 (0xFFB7379D)
YUV	104.9000, 25.6853, 68.4937
Hunter-Lab	39.0308, 55.0887, -23.4538

Details

The Yxy color **15.2340, 0.3567, 0.2014** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **35.2715, 0.2906, 0.5127**, and the grayscale version is **14.0196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2191, 0.3486, 0.2261**, and **5.4555, 0.3664, 0.1792** is the 20% darker color. If you saturate the color by 10%, you get **13.6818, 0.3646, 0.1922**, and if you desaturate by 10%, it is **17.4360, 0.3488, 0.2146**.

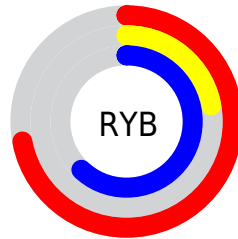
Distribution



Red (72%)

Green (22%)

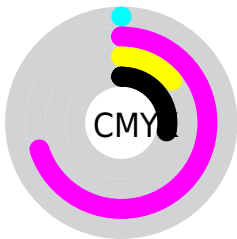
Blue (62%)



Red (72%)

Yellow (22%)

Blue (62%)

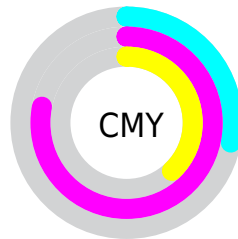


Cyan (0%)

Magenta (70%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (78%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2340, 0.3567, 0.2014 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 15.2340, 0.3567, 0.2014 by changing the saturation by 10% instead.


 15.2340, 0.3567,
0.2014


 15.2340, 0.3567,
0.2014


224.7782, 0.3343,
0.2686


 8.9838, 0.3622,
0.1839


 35.2632, 0.3486,
0.2265

 4.7306, 0.3690,
0.1612


 49.8109, 0.3455,
0.2357


 2.0901, 0.3775,
0.1311


 67.8933, 0.3429,
0.2435

 0.6590, 0.3883,
0.0883

 89.8946, 0.3407,
0.2500

 0.0000, 0.4115,
0.0000

 116.1994, 0.3388,
0.2557

 0.0000, 0.0840,
0.0000

147.1920, 0.3371,

 0.0000, 0.0000,

0.2606

0.0000

183.2568, 0.3356,
0.2648

■ 15.2340, 0.3567,
0.2014

■ 15.2340, 0.3567,
0.2014

■ 13.6818, 0.3646,
0.1922

■ 17.4360, 0.3488,
0.2146

■ 12.7016, 0.3724,
0.1875

■ 20.3494, 0.3413,
0.2310

■ 12.1407, 0.3799,
0.1867

■ 24.0313, 0.3342,
0.2496

■ 12.1377, 0.3800,
0.1867

■ 28.5323, 0.3278,
0.2695

■ 33.8987, 0.3221,
0.2897

■ 40.1732, 0.3170,
0.3098

■ 47.3960, 0.3127,
0.3291

■ 55.6045, 0.3090,
0.3474

■ 64.8343, 0.3058,
0.3646

Harmonies

Analogous

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



15.2340, 0.2303, 0.1606



15.2340, 0.3567, 0.2014



15.2340, 0.4951, 0.2653

Triad

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



15.2340, 0.3567, 0.2014



15.2340, 0.4558, 0.5161



15.2340, 0.1115, 0.2347

Complementary

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



15.2340, 0.3567, 0.2014



35.2715, 0.2906, 0.5127

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.



15.2340, 0.1474, 0.3710



15.2340, 0.3567, 0.2014



15.2340, 0.3443, 0.5837

Square

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



15.2340, 0.3567, 0.2014



15.2340, 0.5424, 0.4227



15.2340, 0.2317, 0.5351



15.2340, 0.1145, 0.1682

Rectangle

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



15.2340, 0.3567, 0.2014



15.2340, 0.5541, 0.3142



15.2340, 0.2317, 0.5351



15.2340, 0.1185, 0.2718

Sweetspot

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



15.2347, 0.3567, 0.2014



59.2675, 0.3228, 0.2869



7.8836, 0.1988, 0.1181



12.4854, 0.3244, 0.2813



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.2347, 0.3567, 0.2014



23.4314, 0.3689, 0.1891



13.5972, 0.4733, 0.2812



9.1307, 0.3168, 0.3110



8.4779, 0.3791, 0.1862



0.3069, 0.3615, 0.1765

Inverse Universe

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



15.2347, 0.3567, 0.2014



23.4314, 0.3689, 0.1891



36.7097, 0.2543, 0.3957



9.1307, 0.3168, 0.3110



8.4779, 0.3791, 0.1862



0.3069, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 15.2340, 0.3567, 0.2014 looks on a white background.

Color Contrast Check

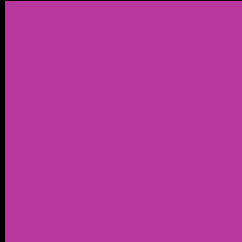
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2340, 0.3567, 0.2014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

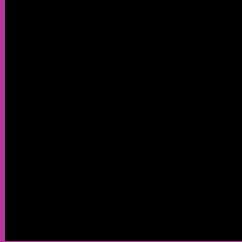
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2340, 0.3567, 0.2014

Background



This preview shows how black text looks on a background with the Yxy color 15.2340, 0.3567, 0.2014.



This preview shows how white text looks on a background with the Yxy color 15.2340, 0.3567, 0.2014.

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

15.2340, 0.3567, 0.2014

Protanopia

15.7423, 0.1965, 0.1745

Deuteranopia

15.4917, 0.2556, 0.2502



Tritanopia

15.3034, 0.4675, 0.3224

Trichromacy



Original Color

15.2340, 0.3567, 0.2014

Protanomaly

13.5659, 0.2311, 0.1722

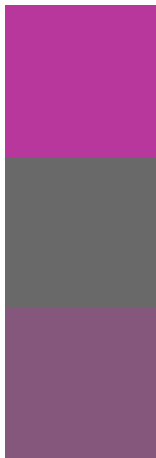
Deuteranomaly

14.0789, 0.2866, 0.2206

Tritanomaly

15.0898, 0.4282, 0.2738

Monochromacy



Original Color

15.2340, 0.3567, 0.2014

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.2582, 0.3296, 0.2614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2340, 0.3567, 0.2014 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(183, 55, 157)` looks like.

```
.text, #text, p{  
    color:rgb(183, 55, 157)  
}
```

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(183, 55, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 55, 157) }
```

Border

The CSS property to change the border of an element to Yxy 15.2340, 0.3567, 0.2014 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(183, 55, 157) }
```

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

```
.border{ border-color:rgb(183, 55, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 55, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 55, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 55, 157);  
box-shadow:4px 4px 4px 4px rgb(183, 55,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2340, 0.3567, 0.2014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 55, 157) }
```

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

```
.background{ background-color: rgb(183, 55,  
157) }
```

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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