

Converting Colors

$Y_{xy}(15.0499, 0.2568, 0.1492)$

Have a look what the booklet for
Yxy(15.0499, 0.2568, 0.1492)
contains.

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Color

Yxy(15.0499, 0.2568, 0.1492)

Conversions

Conversions Part 1

Format	Color
Hex	9743CE
RGB	151, 67, 206
RGB Percent	59%, 26%, 81%
CMY	0.4080, 0.7371, 0.1922
CMYK	0.27, 0.67, 0.00, 0.19
HSL	276°, 59%, 54%
HSV	276°, 67%, 81%
XYZ	25.9036, 15.0499, 59.9172
YIQ	107.9620, 5.4450, 61.0370

Conversions

Conversions Part 2

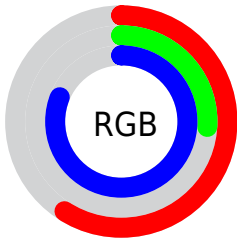
Format	Color
R_{YB}	151, 67, 206
Decimal	9913294
CIE _{Lab}	45.70, 58.21, -57.51
CIE _{LCh}	46, 81.831, 315.349
Yxy	15.0499, 0.2568, 0.1492
Android (android.graphics.Color)	4288103374 (0xFF9743CE)
YUV	107.9620, 48.3327, 37.7443
Hunter-Lab	38.7942, 51.2978, -64.4167

Details

The Yxy color **15.0499, 0.2568, 0.1492** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **48.6780, 0.3350, 0.5242**, and the grayscale version is **14.8493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4501, 0.2779, 0.1870**, and **4.6673, 0.2310, 0.1046** is the 20% darker color. If you saturate the color by 10%, you get **12.2669, 0.2461, 0.1288**, and if you desaturate by 10%, it is **18.7587, 0.2674, 0.1734**.

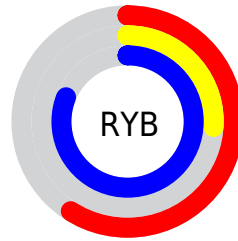
Distribution



Red (59%)

Green (26%)

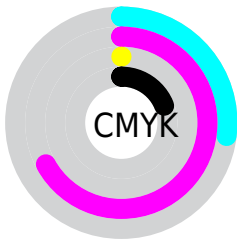
Blue (81%)



Red (59%)

Yellow (26%)

Blue (81%)

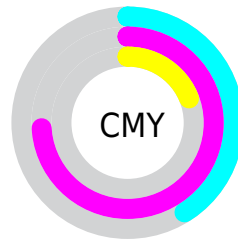


Cyan (27%)

Magenta (67%)

Yellow (0%)

Black (19%)



Cyan (41%)


Magenta (74%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0499, 0.2568, 0.1492 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 15.0499, 0.2568, 0.1492 by changing the saturation by 10% instead.


 15.0499, 0.2568,
0.1492


 15.0499, 0.2568,
0.1492


223.6681, 0.2920,
0.2379


 8.8544, 0.2459,
0.1290


 34.9407, 0.2712,
0.1803


 4.6463, 0.2308,
0.1047


 49.4048, 0.2762,
0.1924


 2.0413, 0.2093,
0.0760

 67.3939, 0.2802,
0.2028

 0.6313, 0.1780,
0.0423

 89.2924, 0.2834,
0.2117

 0.0000, 0.1326,
0.0000

 115.4846, 0.2861,
0.2195

 0.0000, 0.0000,
0.0000

146.3551, 0.2884,

0.2264

182.2881, 0.2903,
0.2325

■ 15.0499, 0.2568,
0.1492

■ 15.0499, 0.2568,
0.1492

■ 12.2669, 0.2461,
0.1288

■ 18.7587, 0.2674,
0.1734

■ 10.3098, 0.2356,
0.1133

■ 23.4756, 0.2775,
0.2003

■ 9.0432, 0.2259,
0.1028

■ 29.2755, 0.2868,
0.2285

■ 8.7723, 0.2234,
0.1005

■ 36.2257, 0.2951,
0.2569

■ 44.3876, 0.3024,
0.2845

■ 53.8184, 0.3087,
0.3106

■ 64.5716, 0.3140,
0.3350

■ 76.6975, 0.3184,
0.3574

■ 90.2436, 0.3220,
0.3777

Harmonies

Analogous

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



15.0499, 0.1511, 0.1257



15.0499, 0.2568, 0.1492



15.0499, 0.4210, 0.2027

Triad

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



15.0499, 0.2568, 0.1492



15.0499, 0.5434, 0.4566



15.0499, 0.1024, 0.3097

Complementary

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



15.0499, 0.2568, 0.1492



48.6780, 0.3350, 0.5242

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.



15.0499, 0.1735, 0.5268



15.0499, 0.2568, 0.1492



15.0499, 0.4242, 0.5758

Square

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



15.0499, 0.2568, 0.1492



15.0499, 0.6083, 0.3557



15.0499, 0.2906, 0.6416



15.0499, 0.0833, 0.1821

Rectangle

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



15.0499, 0.2568, 0.1492



15.0499, 0.5311, 0.2506



15.0499, 0.2906, 0.6416



15.0499, 0.1194, 0.3763

Sweetspot

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



15.0505, 0.2568, 0.1492



68.0354, 0.3005, 0.2769



19.7200, 0.2022, 0.1946



13.7473, 0.2985, 0.2690



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.



15.0505, 0.2568, 0.1492



18.2810, 0.2413, 0.1211



20.9468, 0.3364, 0.1905



11.1735, 0.3076, 0.3057



5.4607, 0.2248, 0.1012



0.3250, 0.2435, 0.1115

Inverse Universe

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



18.5436, 0.4432, 0.2653



25.0286, 0.4881, 0.2635



45.9192, 0.2971, 0.5275



11.2860, 0.3229, 0.3199



8.4689, 0.5375, 0.2735



0.4517, 0.4856, 0.2449

Previews

White Background



This preview shows how the Yxy color 15.0499, 0.2568, 0.1492 looks on a white background.

Color Contrast Check

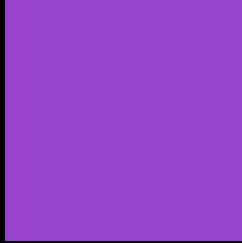
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0499, 0.2568, 0.1492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

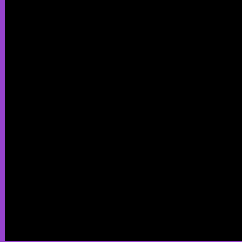
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0499, 0.2568, 0.1492

Background



This preview shows how black text looks on a background with the Yxy color 15.0499, 0.2568, 0.1492.



This preview shows how white text looks on a background with the Yxy color 15.0499, 0.2568, 0.1492.

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

15.0499, 0.2568, 0.1492

Protanopia

15.3771, 0.1741, 0.1468

Deuteranopia

15.1374, 0.1828, 0.1781



Tritanopia

15.0326, 0.3551, 0.3160

Trichromacy



Original Color

15.0499, 0.2568, 0.1492



Protanomaly

13.2523, 0.1816, 0.1358



Deuteranomaly

12.9878, 0.1876, 0.1523



Tritanomaly

14.3448, 0.3142, 0.2359

Monochromacy



Original Color

15.0499, 0.2568, 0.1492



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.1274, 0.2897, 0.2371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0499, 0.2568, 0.1492 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(151, 67, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 67, 206)  
}
```

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(151, 67, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 67, 206) }
```

Border

The CSS property to change the border of an element to Yxy 15.0499, 0.2568, 0.1492 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(151, 67, 206) }
```

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

```
.border{ border-color:rgb(151, 67, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 67, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 67, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 67, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 67,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0499, 0.2568, 0.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 67, 206) }
```

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

```
.background{ background-color: rgb(151, 67,  
206) }
```

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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