

Converting Colors

$Yxy(15.1149, 0.2364, 0.1402)$

Have a look what the booklet for
Yxy(15.1149, 0.2364, 0.1402)
contains.

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Color

Yxy(15.1335, 0.2363, 0.1403)

Conversions

Conversions Part 1

Format	Color
Hex	8B48D9
RGB	139, 72, 217
RGB Percent	55%, 28%, 85%
CMY	0.4550, 0.7176, 0.1489
CMYK	0.36, 0.67, 0.00, 0.15
HSL	268°, 66%, 57%
HSV	268°, 67%, 85%
XYZ	25.4886, 15.1335, 67.2432
YIQ	108.5630, -6.6130, 59.2990

Conversions

Conversions Part 2

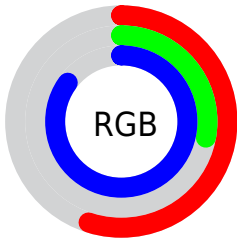
Format	Color
R_{YB}	139, 72, 217
Decimal	9128153
CIE Lab	45.82, 55.98, -63.74
CIE LCh	46, 84.832, 311.294
Yxy	15.1335, 0.2363, 0.1403
Android (android.graphics.Color)	4287318233 (0xFF8B48D9)
YUV	108.5630, 53.4594, 26.6932
Hunter-Lab	38.9018, 48.8755, -75.2537

Details

The Yxy color **15.1335, 0.2363, 0.1403** 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 **56.5993, 0.3501, 0.5136**, and the grayscale version is **15.0111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7575, 0.2678, 0.1868**, and **4.6642, 0.2051, 0.0957** is the 20% darker color. If you saturate the color by 10%, you get **11.8533, 0.2223, 0.1172**, and if you desaturate by 10%, it is **19.5121, 0.2504, 0.1673**.

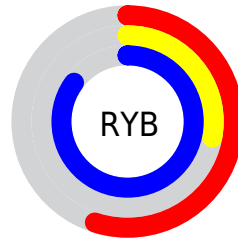
Distribution



Red (55%)

Green (28%)

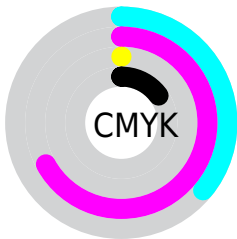
Blue (85%)



Red (55%)

Yellow (28%)

Blue (85%)

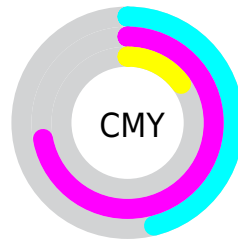


Cyan (36%)

Magenta (67%)

Yellow (0%)

Black (15%)



Cyan (46%)


Magenta (72%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1335, 0.2363, 0.1403 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 15.1335, 0.2363, 0.1403 by changing the saturation by 10% instead.


 15.1335, 0.2363,
0.1403


 15.1335, 0.2363,
0.1403


224.1728, 0.2821,
0.2320


 8.9131, 0.2230,
0.1200


 35.0872, 0.2545,
0.1721


 4.6846, 0.2053,
0.0960


 49.5893, 0.2609,
0.1846


 2.0634, 0.1811,
0.0682

 67.6208, 0.2661,
0.1953

 0.6439, 0.1477,
0.0370

 89.5661, 0.2705,
0.2046

 0.0000, 0.1029,
0.0000

 115.8096, 0.2741,
0.2128

 0.0000, 0.0000,
0.0000

146.7356, 0.2772,

0.2200

182.7285, 0.2798,
0.2264

■ 15.1335, 0.2363,
0.1403

■ 15.1335, 0.2363,
0.1403

■ 11.8533, 0.2223,
0.1172

■ 19.5121, 0.2504,
0.1673

■ 9.5571, 0.2092,
0.0994

■ 25.0845, 0.2641,
0.1968

■ 8.0999, 0.1975,
0.0874

■ 31.9372, 0.2769,
0.2270

■ 7.7329, 0.1941,
0.0843

■ 40.1479, 0.2884,
0.2569

■ 49.7880, 0.2986,
0.2855

■ 60.9238, 0.3075,
0.3121

■ 73.6174, 0.3150,
0.3365

■ 87.9274, 0.3213,
0.3586

■ 95.7836, 0.3280,
0.3669

Harmonies

Analogous

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



15.1335, 0.1375, 0.1207



15.1335, 0.2363, 0.1403



15.1335, 0.3992, 0.1905

Triad

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



15.1335, 0.2363, 0.1403



15.1335, 0.5599, 0.4401



15.1335, 0.1034, 0.3344

Complementary

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



15.1335, 0.2363, 0.1403



56.5993, 0.3501, 0.5136

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.



15.1335, 0.1826, 0.5638



15.1335, 0.2363, 0.1403



15.1335, 0.4393, 0.5607

Square

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



15.1335, 0.2363, 0.1403



15.1335, 0.6183, 0.3419



15.1335, 0.3043, 0.6497



15.1335, 0.0792, 0.1893

Rectangle

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



15.1335, 0.2363, 0.1403



15.1335, 0.5174, 0.2376



15.1335, 0.3043, 0.6497



15.1335, 0.1229, 0.4082

Sweetspot

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



15.1340, 0.2363, 0.1403



66.8261, 0.2954, 0.2761



28.7716, 0.2112, 0.2302



13.4577, 0.2925, 0.2680



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.



15.1340, 0.2363, 0.1403



15.6254, 0.2171, 0.1096



23.3165, 0.3118, 0.1758



12.9103, 0.3053, 0.3053



4.7411, 0.1956, 0.0851



0.3580, 0.2138, 0.0951

Inverse Universe

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



21.5964, 0.4088, 0.2422



26.1939, 0.4394, 0.2357



51.7825, 0.3058, 0.5416



13.1681, 0.3208, 0.3165



9.7261, 0.4789, 0.2412



0.6474, 0.4461, 0.2231

Previews

White Background



This preview shows how the Yxy color 15.1335, 0.2363, 0.1403 looks on a white background.

Color Contrast Check

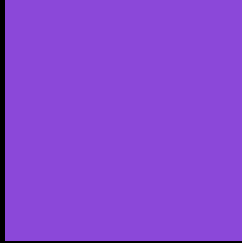
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1335, 0.2363, 0.1403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

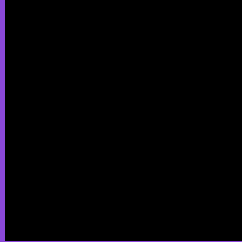
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1335, 0.2363, 0.1403

Background



This preview shows how black text looks on a background with the Yxy color 15.1335, 0.2363, 0.1403.



This preview shows how white text looks on a background with the Yxy color 15.1335, 0.2363, 0.1403.

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

15.1335, 0.2363, 0.1403

Protanopia

15.3771, 0.1741, 0.1468

Deuteranopia

15.2639, 0.1839, 0.1820



Tritanopia

15.1470, 0.3205, 0.3131

Trichromacy



Original Color

15.1335, 0.2363, 0.1403



Protanomaly

13.6998, 0.1797, 0.1352



Deuteranomaly

13.5175, 0.1864, 0.1546



Tritanomaly

14.4987, 0.2841, 0.2275

Monochromacy



Original Color

15.1335, 0.2363, 0.1403



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

14.4969, 0.2801, 0.2351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1335, 0.2363, 0.1403 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(139, 72, 217)` looks like.

```
.text, #text, p{  
    color:rgb(139, 72, 217)  
}
```

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(139, 72, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 72, 217) }
```

Border

The CSS property to change the border of an element to Yxy 15.1335, 0.2363, 0.1403 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(139, 72, 217) }
```

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

```
.border{ border-color:rgb(139, 72, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 72, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 72, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 72, 217);  
box-shadow:4px 4px 4px 4px rgb(139, 72,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1335, 0.2363, 0.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 72, 217) }
```

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

```
.background{ background-color: rgb(139, 72,  
217) }
```

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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