

Converting Colors

$Yxy(15.5993, 0.3199, 0.1897)$

Have a look what the booklet for
Yxy(15.5993, 0.3199, 0.1897)
contains.

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Color

Yxy(15.6074, 0.3206, 0.1902)

Conversions

Conversions Part 1

Format	Color
Hex	AC42AB
RGB	172, 66, 171
RGB Percent	67%, 26%, 67%
CMY	0.3256, 0.7411, 0.3295
CMYK	0.00, 0.62, 0.01, 0.33
HSL	301°, 45%, 47%
HSV	301°, 62%, 67%
XYZ	26.3077, 15.6074, 40.1427
YIQ	109.6640, 29.4710, 55.1270

Conversions

Conversions Part 2

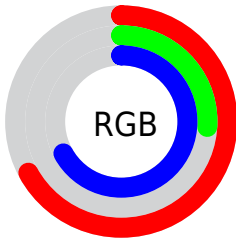
Format	Color
R_{YB}	172, 66, 171
Decimal	11289259
CIE _{Lab}	46.46, 56.65, -35.73
CIE _{LCh}	46, 66.973, 327.760
Yxy	15.6074, 0.3206, 0.1902
Android (android.graphics.Color)	4289479339 (0xFFAC42AB)
YUV	109.6640, 30.2386, 54.6687
Hunter-Lab	39.5062, 49.7298, -32.5909

Details

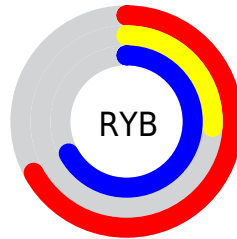
The Yxy color **15.6074, 0.3206, 0.1902** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31.0641, 0.3030, 0.5226**, and the grayscale version is **15.4002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0438, 0.3209, 0.2169**, and **5.0210, 0.3169, 0.1519** is the 20% darker color. If you saturate the color by 10%, you get **13.8846, 0.3216, 0.1755**, and if you desaturate by 10%, it is **17.9359, 0.3195, 0.2085**.

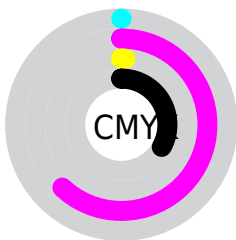
Distribution



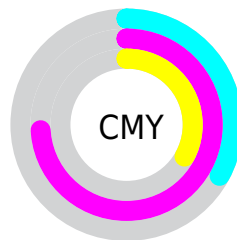
- Red (67%)
- Green (26%)
- Blue (67%)



- Red (67%)
- Yellow (26%)
- Blue (67%)



- Cyan (0%)
- Magenta (62%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (74%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.6074, 0.3206, 0.1902 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 15.6074, 0.3206, 0.1902 by changing the saturation by 10% instead.


 15.6074, 0.3206,
0.1902


 15.6074, 0.3206,
0.1902


227.0138, 0.3194,
0.2622


 9.2468, 0.3197,
0.1720


 35.9153, 0.3210,
0.2167


 4.9025, 0.3175,
0.1488


 50.6313, 0.3209,
0.2266

 2.1902, 0.3128,
0.1187

 68.9013, 0.3207,
0.2349

 0.7146, 0.3026,
0.0787

 91.1096, 0.3204,
0.2420

 0.0000, 0.2862,
0.0000

 117.6406, 0.3202,
0.2481

 0.0000, 0.0000,
0.0000

148.8787, 0.3199,

0.2534

185.2083, 0.3196,
0.2581

■ 15.6074, 0.3206,
0.1902

■ 15.6074, 0.3206,
0.1902

■ 13.8846, 0.3216,
0.1755

■ 17.9359, 0.3195,
0.2085

■ 12.7092, 0.3223,
0.1650

■ 20.9170, 0.3182,
0.2296

■ 12.0155, 0.3229,
0.1585

■ 24.5955, 0.3169,
0.2527

■ 11.6845, 0.3233,
0.1555

■ 29.0118, 0.3155,
0.2769

■ 34.2029, 0.3142,
0.3013

■ 40.2035, 0.3129,
0.3252

■ 47.0463, 0.3117,
0.3482

■ 54.7620, 0.3106,
0.3698

■ 63.3798, 0.3095,
0.3900

Harmonies

Analogous

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



15.6074, 0.2071, 0.1568



15.6074, 0.3206, 0.1902



15.6074, 0.4602, 0.2487

Triad

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



15.6074, 0.3206, 0.1902



15.6074, 0.4802, 0.4908



15.6074, 0.1191, 0.2641

Complementary

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



15.6074, 0.3206, 0.1902



31.0641, 0.3030, 0.5226

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.



15.6074, 0.1670, 0.4142



15.6074, 0.3206, 0.1902



15.6074, 0.3741, 0.5695

Square

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



15.6074, 0.3206, 0.1902



15.6074, 0.5531, 0.4004



15.6074, 0.2610, 0.5578



15.6074, 0.1129, 0.1822

Rectangle

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



15.6074, 0.3206, 0.1902



15.6074, 0.5325, 0.2960



15.6074, 0.2610, 0.5578



15.6074, 0.1297, 0.3071

Sweetspot

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



15.6081, 0.3206, 0.1902



55.5783, 0.3151, 0.2849



8.0370, 0.1952, 0.1348



11.5272, 0.3155, 0.2780



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



15.6081, 0.3206, 0.1902



24.2903, 0.3219, 0.1711



14.0008, 0.4033, 0.2533



8.1468, 0.3139, 0.3069



8.6974, 0.3233, 0.1554



0.2424, 0.3225, 0.1550

Inverse Universe

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



15.6081, 0.3206, 0.1902



24.2903, 0.3219, 0.1711



31.9905, 0.2715, 0.4272



8.1468, 0.3139, 0.3069



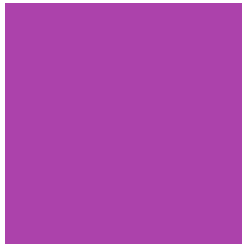
8.6974, 0.3233, 0.1554



0.2424, 0.3225, 0.1550

Previews

White Background



This preview shows how the Yxy color 15.6074, 0.3206, 0.1902 looks on a white background.

Color Contrast Check

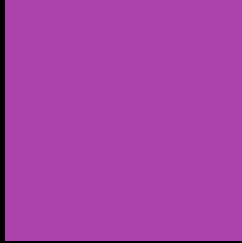
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6074, 0.3206, 0.1902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

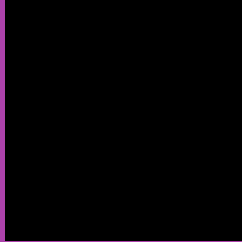
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6074, 0.3206, 0.1902

Background



This preview shows how black text looks on a background with the Yxy color 15.6074, 0.3206, 0.1902.



This preview shows how white text looks on a background with the Yxy color 15.6074, 0.3206, 0.1902.

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

15.6074, 0.3206, 0.1902

Protanopia

15.9596, 0.1901, 0.1649

Deuteranopia

15.9069, 0.2344, 0.2287



Tritanopia

15.5741, 0.4233, 0.3198

Trichromacy



Original Color

15.6074, 0.3206, 0.1902



Protanomaly

14.1911, 0.2169, 0.1645



Deuteranomaly

14.7174, 0.2591, 0.2052



Tritanomaly

15.2495, 0.3842, 0.2650

Monochromacy



Original Color

15.6074, 0.3206, 0.1902



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

14.6579, 0.3173, 0.2607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6074, 0.3206, 0.1902 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(172, 66, 171)` looks like.

```
.text, #text, p{  
    color:rgb(172, 66, 171)  
}
```

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(172, 66, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 66, 171) }
```

Border

The CSS property to change the border of an element to Yxy 15.6074, 0.3206, 0.1902 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(172, 66, 171) }
```

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

```
.border{ border-color:rgb(172, 66, 171) }
```

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

Here you see how a box with a 4 pixel rgb(172, 66, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 66, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 66, 171);  
box-shadow:4px 4px 4px 4px rgb(172, 66,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6074, 0.3206, 0.1902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 66, 171) }
```

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

```
.background{ background-color: rgb(172, 66,  
171) }
```

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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