

Converting Colors

$Y_{xy}(15.2744, 0.3120, 0.1986)$

Have a look what the booklet for
Yxy(15.2744, 0.3120, 0.1986)
contains.

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Color

Yxy(15.3624, 0.3120, 0.1989)

Conversions

Conversions Part 1

Format	Color
Hex	A14BA6
RGB	161, 75, 166
RGB Percent	63%, 29%, 65%
CMY	0.3686, 0.7059, 0.3490
CMYK	0.03, 0.55, 0.00, 0.35
HSL	297°, 38%, 47%
HSV	297°, 55%, 65%
XYZ	24.0979, 15.3624, 37.7765
YIQ	111.0880, 22.0450, 46.5330

Conversions

Conversions Part 2

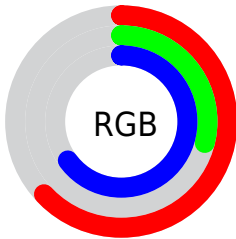
Format	Color
R_{YB}	161, 75, 166
Decimal	10570662
CIE _{Lab}	46.13, 48.67, -33.42
CIE _{LCh}	46, 59.041, 325.525
Yxy	15.3624, 0.3120, 0.1989
Android (android.graphics.Color)	4288760742 (0xFFA14BA6)
YUV	111.0880, 27.0716, 43.7728
Hunter-Lab	39.1949, 41.1546, -29.7080

Details

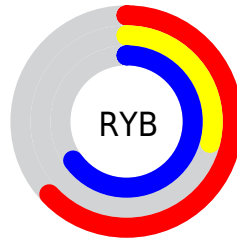
The Yxy color **15.3624, 0.3120, 0.1989** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **29.4902, 0.3083, 0.4990**, and the grayscale version is **15.8388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5642, 0.3147, 0.2252**, and **4.8064, 0.3061, 0.1576** is the 20% darker color. If you saturate the color by 10%, you get **13.3028, 0.3113, 0.1806**, and if you desaturate by 10%, it is **18.0116, 0.3125, 0.2202**.

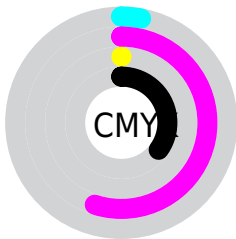
Distribution



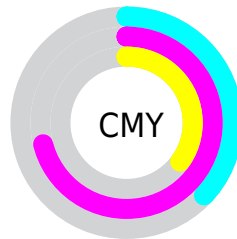
- Red (63%)
- Green (29%)
- Blue (65%)



- Red (63%)
- Yellow (29%)
- Blue (65%)



- Cyan (3%)
- Magenta (55%)
- Yellow (0%)
- Black (35%)





- Cyan (37%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3624, 0.3120, 0.1989 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 15.3624, 0.3120, 0.1989 by changing the saturation by 10% instead.


 15.3624, 0.3120,
0.1989


 15.3624, 0.3120,
0.1989


225.5494, 0.3152,
0.2675


 9.0741, 0.3099,
0.1811


 35.4877, 0.3140,
0.2245


 4.7896, 0.3063,
0.1580


 50.0935, 0.3145,
0.2339


 2.1243, 0.2995,
0.1276

 68.2406, 0.3148,
0.2418

 0.6783, 0.2862,
0.0854

 90.3134, 0.3150,
0.2485

 0.0000, 0.2634,
0.0000

 116.6963, 0.3151,
0.2542

 0.0000, 0.0000,
0.0000

147.7736, 0.3151,

0.2592

183.9299, 0.3152,
0.2636

■ 15.3624, 0.3120,
0.1989

■ 15.3624, 0.3120,
0.1989

■ 13.3028, 0.3113,
0.1806

■ 18.0116, 0.3125,
0.2202

■ 11.7841, 0.3103,
0.1659

■ 21.2900, 0.3129,
0.2437

■ 10.7529, 0.3092,
0.1555

■ 25.2363, 0.3130,
0.2682

■ 10.1433, 0.3080,
0.1491

■ 29.8855, 0.3130,
0.2931

■ 9.9091, 0.3073,
0.1466

■ 35.2699, 0.3128,
0.3175

■ 41.4201, 0.3126,
0.3410

■ 48.3648, 0.3122,
0.3632

■ 56.1313, 0.3118,
0.3838

■ 64.7455, 0.3114,
0.4028

Harmonies

Analogous

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



15.3624, 0.2114, 0.1694



15.3624, 0.3120, 0.1989



15.3624, 0.4356, 0.2525

Triad

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



15.3624, 0.3120, 0.1989



15.3624, 0.4764, 0.4762



15.3624, 0.1375, 0.2815

Complementary

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



15.3624, 0.3120, 0.1989



29.4902, 0.3083, 0.4990

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.



15.3624, 0.1876, 0.4157



15.3624, 0.3120, 0.1989



15.3624, 0.3823, 0.5427

Square

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



15.3624, 0.3120, 0.1989



15.3624, 0.5347, 0.3953



15.3624, 0.2777, 0.5333



15.3624, 0.1278, 0.2005

Rectangle

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



15.3624, 0.3120, 0.1989



15.3624, 0.5029, 0.2969



15.3624, 0.2777, 0.5333



15.3624, 0.1493, 0.3216

Sweetspot

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



15.3631, 0.3120, 0.1989



52.9044, 0.3130, 0.2894



10.1444, 0.2114, 0.1684



11.4522, 0.3130, 0.2845



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



15.3631, 0.3120, 0.1989



23.3911, 0.3110, 0.1767



14.6616, 0.3781, 0.2514



7.6453, 0.3129, 0.3067



7.6896, 0.3074, 0.1467



0.1932, 0.3122, 0.1493

Inverse Universe

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



13.7197, 0.4621, 0.3220



20.1730, 0.5177, 0.3216



29.9972, 0.2784, 0.4261



7.5488, 0.3277, 0.3278



6.3044, 0.6325, 0.3258



0.1554, 0.6003, 0.3080

Previews

White Background



This preview shows how the Yxy color 15.3624, 0.3120, 0.1989 looks on a white background.

Color Contrast Check

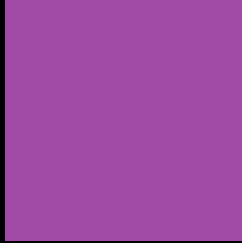
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3624, 0.3120, 0.1989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

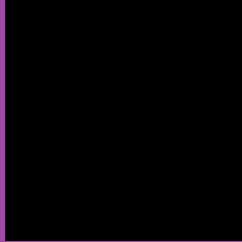
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3624, 0.3120, 0.1989

Background



This preview shows how black text looks on a background with the Yxy color 15.3624, 0.3120, 0.1989.



This preview shows how white text looks on a background with the Yxy color 15.3624, 0.3120, 0.1989.

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

15.3624, 0.3120, 0.1989

Protanopia

15.7207, 0.2018, 0.1807

Deuteranopia

15.5992, 0.2380, 0.2330



Tritanopia

15.3274, 0.3979, 0.3174

Trichromacy



Original Color

15.3624, 0.3120, 0.1989

Protanomaly

14.4699, 0.2282, 0.1812

Deuteranomaly

14.8029, 0.2598, 0.2153

Tritanomaly

15.1536, 0.3658, 0.2689

Monochromacy



Original Color

15.3624, 0.3120, 0.1989

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.0412, 0.3128, 0.2685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3624, 0.3120, 0.1989 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(161, 75, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 75, 166)  
}
```

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(161, 75, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 75, 166) }
```

Border

The CSS property to change the border of an element to Yxy 15.3624, 0.3120, 0.1989 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(161, 75, 166) }
```

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

```
.border{ border-color:rgb(161, 75, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 75, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 75, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 75, 166); box-shadow:4px 4px 4px 4px rgb(161, 75, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3624, 0.3120, 0.1989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 75, 166) }
```

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

```
.background{ background-color: rgb(161, 75,  
166) }
```

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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