

Converting Colors

$Y_{xy}(14.9242, 0.3475, 0.2165)$

Have a look what the booklet for
Yxy(14.9242, 0.3475, 0.2165)
contains.

Yxy(14.8612, 0.3475, 0.2159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.8612, 0.3475, 0.2159)

Conversions

Conversions Part 1

Format	Color
Hex	A94595
RGB	169, 69, 149
RGB Percent	66%, 27%, 58%
CMY	0.3372, 0.7295, 0.4156
CMYK	0.00, 0.59, 0.12, 0.34
HSL	312°, 42%, 47%
HSV	312°, 59%, 66%
XYZ	23.9197, 14.8612, 30.0528
YIQ	108.0200, 33.9200, 46.0800

Conversions

Conversions Part 2

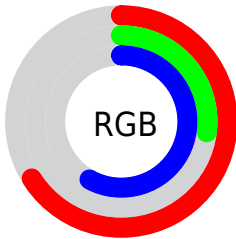
Format	Color
R _{YB}	169, 69, 149
Decimal	11093397
CIE Lab	45.44, 50.83, -24.28
CIE LCh	45, 56.335, 334.468
Yxy	14.8612, 0.3475, 0.2159
Android (android.graphics.Color)	4289283477 (0xFFA94595)
YUV	108.0200, 20.2031, 53.4795
Hunter-Lab	38.5502, 43.2931, -19.2359

Details

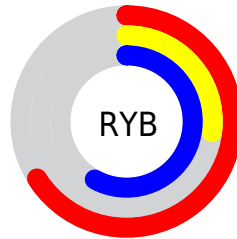
The Yxy color **14.8612, 0.3475, 0.2159** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **30.3683, 0.2921, 0.4809**, and the grayscale version is **14.9365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3996, 0.3409, 0.2388**, and **4.5678, 0.3577, 0.1776** is the 20% darker color. If you saturate the color by 10%, you get **12.9647, 0.3552, 0.2023**, and if you desaturate by 10%, it is **17.3544, 0.3401, 0.2325**.

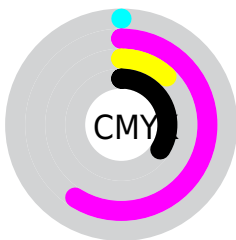
Distribution



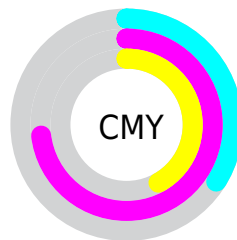
- Red (66%)
- Green (27%)
- Blue (58%)



- Red (66%)
- Yellow (27%)
- Blue (58%)



- Cyan (0%)
- Magenta (59%)
- Yellow (12%)
- Black (34%)



- Cyan (34%)
- Magenta (73%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8612, 0.3475, 0.2159 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 14.8612, 0.3475, 0.2159 by changing the saturation by 10% instead.


 14.8612, 0.3475,
0.2159


 14.8612, 0.3475,
0.2159


222.5246, 0.3295,
0.2769


 8.7220, 0.3520,
0.1994


 34.6095, 0.3409,
0.2391

 4.5603, 0.3576,
0.1775


 48.9874, 0.3384,
0.2475


 1.9917, 0.3647,
0.1476

 66.8804, 0.3364,
0.2544

 0.6026, 0.3747,
0.1010

 88.6728, 0.3346,
0.2603

 0.0000, 0.3962,
0.0000

 114.7490, 0.3331,
0.2654

 0.0000, 0.0000,
0.0000

145.4934, 0.3317,

0.2697

181.2905, 0.3306,
0.2735

■ 14.8612, 0.3475,
0.2159

■ 14.8612, 0.3475,
0.2159

■ 12.9647, 0.3552,
0.2023

■ 17.3544, 0.3401,
0.2325

■ 11.6108, 0.3629,
0.1926

■ 20.4879, 0.3333,
0.2513

■ 10.7397, 0.3706,
0.1874

■ 24.3038, 0.3271,
0.2711

■ 10.2308, 0.3779,
0.1860

■ 28.8397, 0.3215,
0.2914

■ 10.1932, 0.3785,
0.1859

■ 34.1308, 0.3166,
0.3113

■ 40.2098, 0.3124,
0.3305

■ 47.1075, 0.3088,
0.3487

■ 54.8530, 0.3057,
0.3658

■ 63.4741, 0.3031,
0.3815

Harmonies

Analogous

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



14.8612, 0.2397, 0.1793



14.8612, 0.3475, 0.2159



14.8612, 0.4635, 0.2739

Triad

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



14.8612, 0.3475, 0.2159



14.8612, 0.4482, 0.4958



14.8612, 0.1356, 0.2544

Complementary

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



14.8612, 0.3475, 0.2159



30.3683, 0.2921, 0.4809

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.



14.8612, 0.1725, 0.3711



14.8612, 0.3475, 0.2159



14.8612, 0.3516, 0.5436

Square

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



14.8612, 0.3475, 0.2159



14.8612, 0.5174, 0.4184



14.8612, 0.2507, 0.5000



14.8612, 0.1359, 0.1908

Rectangle

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



14.8612, 0.3475, 0.2159



14.8612, 0.5160, 0.3192



14.8612, 0.2507, 0.5000



14.8612, 0.1433, 0.2876

Sweetspot

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



14.8619, 0.3475, 0.2159



52.4028, 0.3210, 0.2931



9.1611, 0.2171, 0.1501



10.8893, 0.3225, 0.2874



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.



14.8619, 0.3475, 0.2159



22.3669, 0.3576, 0.1989



13.6240, 0.4320, 0.2826



7.6405, 0.3167, 0.3111



7.6028, 0.3778, 0.1855



0.1913, 0.3559, 0.1734

Inverse Universe

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



14.8619, 0.3475, 0.2159



22.3669, 0.3576, 0.1989



31.4634, 0.2603, 0.3865



7.6405, 0.3167, 0.3111



7.6028, 0.3778, 0.1855



0.1913, 0.3559, 0.1734

Previews

White Background



This preview shows how the Yxy color 14.8612, 0.3475, 0.2159 looks on a white background.

Color Contrast Check

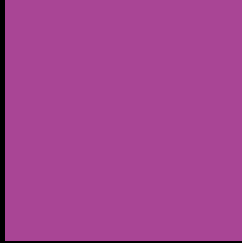
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8612, 0.3475, 0.2159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

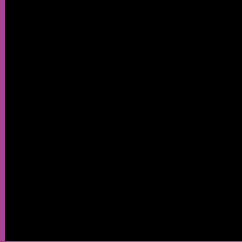
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8612, 0.3475, 0.2159

Background



This preview shows how black text looks on a background with the Yxy color 14.8612, 0.3475, 0.2159.



This preview shows how white text looks on a background with the Yxy color 14.8612, 0.3475, 0.2159.

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

14.8612, 0.3475, 0.2159

Protanopia

15.1824, 0.2153, 0.1989

Deuteranopia

15.0006, 0.2630, 0.2567



Tritanopia

14.8654, 0.4330, 0.3199

Trichromacy



Original Color

14.8612, 0.3475, 0.2159

Protanomaly

14.0354, 0.2491, 0.1994

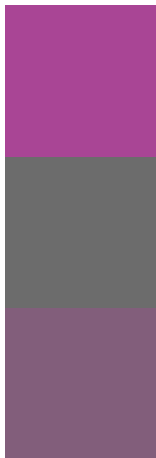
Deuteranomaly

14.2330, 0.2898, 0.2359

Tritanomaly

14.7390, 0.4020, 0.2797

Monochromacy



Original Color

14.8612, 0.3475, 0.2159

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.1813, 0.3255, 0.2751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8612, 0.3475, 0.2159 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(169, 69, 149)` looks like.

```
.text, #text, p{  
    color:rgb(169, 69, 149)  
}
```

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(169, 69, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 69, 149) }
```

Border

The CSS property to change the border of an element to Yxy 14.8612, 0.3475, 0.2159 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(169, 69, 149) }
```

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

```
.border{ border-color:rgb(169, 69, 149) }
```

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

Here you see how a box with a 4 pixel rgb(169, 69, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 69, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 69, 149);  
box-shadow:4px 4px 4px 4px rgb(169, 69,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8612, 0.3475, 0.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 69, 149) }
```

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

```
.background{ background-color: rgb(169, 69,  
149) }
```

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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