

Converting Colors

$Y_{xy}(14.9463, 0.3337, 0.2173)$

Have a look what the booklet for
Yxy(14.9463, 0.3337, 0.2173)
contains.

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Color

Yxy(14.9479, 0.3338, 0.2169)

Conversions

Conversions Part 1

Format	Color
Hex	A24B97
RGB	162, 75, 151
RGB Percent	64%, 29%, 59%
CMY	0.3647, 0.7059, 0.4077
CMYK	0.00, 0.54, 0.07, 0.36
HSL	308°, 37%, 46%
HSV	308°, 54%, 64%
XYZ	23.0042, 14.9479, 30.9640
YIQ	109.6770, 27.4560, 42.0800

Conversions

Conversions Part 2

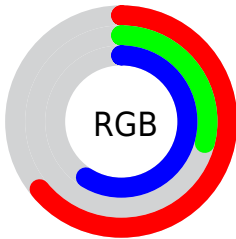
Format	Color
RYB	162, 75, 151
Decimal	10636183
CIELab	45.56, 46.24, -25.38
CIElCh	46, 52.747, 331.240
Yxy	14.9479, 0.3338, 0.2169
Android (android.graphics.Color)	4288826263 (0xFFA24B97)
YUV	109.6770, 20.3722, 45.8873
Hunter-Lab	38.6625, 38.5481, -20.4204

Details

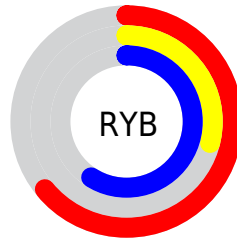
The Yxy color **14.9479, 0.3338, 0.2169** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **28.0079, 0.2977, 0.4764**, and the grayscale version is **15.4308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9062, 0.3311, 0.2410**, and **4.6086, 0.3382, 0.1784** is the 20% darker color. If you saturate the color by 10%, you get **12.9581, 0.3386, 0.2005**, and if you desaturate by 10%, it is **17.4997, 0.3291, 0.2359**.

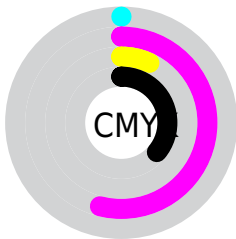
Distribution



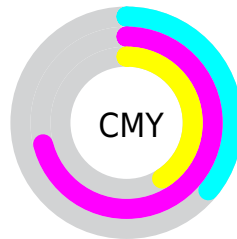
- Red (64%)
- Green (29%)
- Blue (59%)



- Red (64%)
- Yellow (29%)
- Blue (59%)



- Cyan (0%)
- Magenta (54%)
- Yellow (7%)
- Black (36%)





- Cyan (36%)
- Magenta (71%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9479, 0.3338, 0.2169 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 14.9479, 0.3338, 0.2169 by changing the saturation by 10% instead.


 14.9479, 0.3338,
0.2169


 14.9479, 0.3338,
0.2169


223.0507, 0.3237,
0.2774


 8.7828, 0.3359,
0.2005


 34.7618, 0.3304,
0.2399


 4.5998, 0.3382,
0.1787


 49.1793, 0.3290,
0.2483

 2.0144, 0.3403,
0.1488

 67.1165, 0.3278,
0.2552

 0.6158, 0.3418,
0.1027

 88.9577, 0.3268,
0.2610

 0.0000, 0.3433,
0.0000

 115.0874, 0.3259,
0.2660

 0.0000, 0.0000,
0.0000

145.8898, 0.3251,

0.2703

181.7494, 0.3243,
0.2741

■ 14.9479, 0.3338,
0.2169

■ 14.9479, 0.3338,
0.2169

■ 12.9581, 0.3386,
0.2005

■ 17.4997, 0.3291,
0.2359

■ 11.4849, 0.3434,
0.1877

■ 20.6503, 0.3248,
0.2567

■ 10.4793, 0.3481,
0.1790

■ 24.4358, 0.3207,
0.2783

■ 9.8817, 0.3525,
0.1745

■ 28.8886, 0.3171,
0.3001

■ 9.6217, 0.3551,
0.1730

■ 34.0393, 0.3138,
0.3213

■ 39.9163, 0.3110,
0.3417

■ 46.5466, 0.3085,
0.3609

■ 53.9556, 0.3064,
0.3788

■ 62.1677, 0.3046,
0.3953

Harmonies

Analogous

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



14.9479, 0.2351, 0.1843



14.9479, 0.3338, 0.2169



14.9479, 0.4435, 0.2709

Triad

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



14.9479, 0.3338, 0.2169



14.9479, 0.4517, 0.4815



14.9479, 0.1465, 0.2696

Complementary

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



14.9479, 0.3338, 0.2169



28.0079, 0.2977, 0.4764

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.



14.9479, 0.1871, 0.3827



14.9479, 0.3338, 0.2169



14.9479, 0.3623, 0.5283

Square

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



14.9479, 0.3338, 0.2169



14.9479, 0.5111, 0.4089



14.9479, 0.2656, 0.4963



14.9479, 0.1427, 0.2031

Rectangle

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



14.9479, 0.3338, 0.2169



14.9479, 0.4972, 0.3142



14.9479, 0.2656, 0.4963



14.9479, 0.1556, 0.3027

Sweetspot

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



14.9486, 0.3338, 0.2169



50.2244, 0.3180, 0.2944



9.5787, 0.2217, 0.1659



10.9185, 0.3187, 0.2902



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



14.9486, 0.3338, 0.2169



23.0615, 0.3393, 0.1984



13.8034, 0.4042, 0.2770



7.1867, 0.3156, 0.3096



7.5845, 0.3548, 0.1728



0.1634, 0.3410, 0.1652

Inverse Universe

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



14.9486, 0.3338, 0.2169



23.0615, 0.3393, 0.1984



28.9122, 0.2675, 0.3915



7.1867, 0.3156, 0.3096



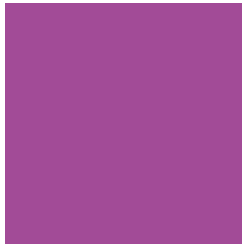
7.5845, 0.3548, 0.1728



0.1634, 0.3410, 0.1652

Previews

White Background



This preview shows how the Yxy color 14.9479, 0.3338, 0.2169 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 14.9479, 0.3338, 0.2169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

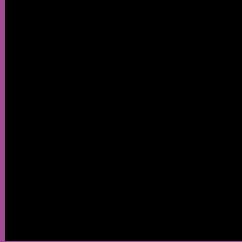
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9479, 0.3338, 0.2169

Background



This preview shows how black text looks on a background with the Yxy color 14.9479, 0.3338, 0.2169.



This preview shows how white text looks on a background with the Yxy color 14.9479, 0.3338, 0.2169.

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

14.9479, 0.3338, 0.2169

Protanopia

15.1879, 0.2179, 0.2018

Deuteranopia

15.1874, 0.2581, 0.2532



Tritanopia

15.0389, 0.4108, 0.3193

Trichromacy



Original Color

14.9479, 0.3338, 0.2169

Protanomaly

14.3266, 0.2484, 0.2023

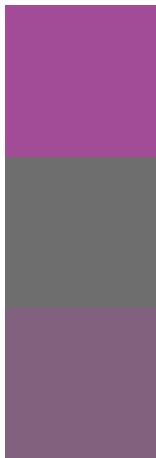
Deuteranomaly

14.3875, 0.2813, 0.2336

Tritanomaly

14.8476, 0.3826, 0.2790

Monochromacy



Original Color

14.9479, 0.3338, 0.2169

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.6972, 0.3209, 0.2769

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9479, 0.3338, 0.2169 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(162, 75, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 75, 151)  
}
```

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(162, 75, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 75, 151) }
```

Border

The CSS property to change the border of an element to Yxy 14.9479, 0.3338, 0.2169 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(162, 75, 151) }
```

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

```
.border{ border-color:rgb(162, 75, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 75, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 75, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 75, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 75,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9479, 0.3338, 0.2169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 75, 151) }
```

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

```
.background{ background-color: rgb(162, 75,  
151) }
```

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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