

Converting Colors

$Y_{xy}(14.9775, 0.4239, 0.2679)$

Have a look what the booklet for
Yxy(14.9775, 0.4239, 0.2679)
contains.

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Color

Yxy(14.9102, 0.4236, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	B34471
RGB	179, 68, 113
RGB Percent	70%, 27%, 44%
CMY	0.2980, 0.7333, 0.5569
CMYK	0.00, 0.62, 0.37, 0.30
HSL	336°, 45%, 48%
HSV	336°, 62%, 70%
XYZ	23.6376, 14.9102, 17.2539
YIQ	106.3190, 51.7110, 37.5270

Conversions

Conversions Part 2

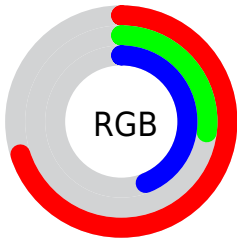
Format	Color
R _Y B	179, 68, 113
Decimal	11748465
CIE Lab	45.51, 49.30, -2.17
CIE LCh	46, 49.345, 357.474
Yxy	14.9102, 0.4236, 0.2672
Android (android.graphics.Color)	4289938545 (0xFFB34471)
YUV	106.3190, 3.2937, 63.7412
Hunter-Lab	38.6137, 41.6956, 0.5369

Details

The Yxy color **14.9102, 0.4236, 0.2672** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **35.1900, 0.2648, 0.4085**, and the grayscale version is **14.4863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8128, 0.3967, 0.2818**, and **4.5626, 0.4745, 0.2405** is the 20% darker color. If you saturate the color by 10%, you get **12.8403, 0.4524, 0.2622**, and if you desaturate by 10%, it is **17.6707, 0.3975, 0.2752**.

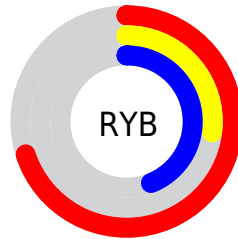
Distribution



Red (70%)

Green (27%)

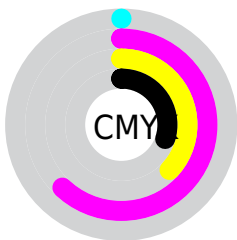
Blue (44%)



Red (70%)

Yellow (27%)

Blue (44%)

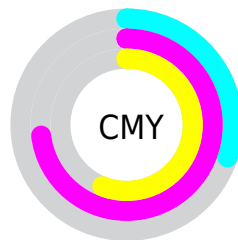


Cyan (0%)

Magenta (62%)

Yellow (37%)

Black (30%)



Cyan (30%)


Magenta (73%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9102, 0.4236, 0.2672 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 14.9102, 0.4236, 0.2672 by changing the saturation by 10% instead.


 14.9102, 0.4236,
0.2672


 14.9102, 0.4236,
0.2672


222.8220, 0.3584,
0.3032


 8.7564, 0.4441,
0.2561


 34.6956, 0.3970,
0.2817


 4.5826, 0.4737,
0.2402

 49.0959, 0.3880,
0.2867


 2.0045, 0.5196,
0.2159

 67.0139, 0.3807,
0.2908

 0.6101, 0.6043,
0.1693

 88.8339, 0.3747,
0.2941

 0.0000, 1.0000,
0.0000

 114.9403, 0.3696,
0.2969

 0.0000, 0.0000,
0.0000

145.7175, 0.3653,

0.2993

181.5500, 0.3617,
0.3014

■ 14.9102, 0.4236,
0.2672

■ 14.9102, 0.4236,
0.2672

■ 12.8403, 0.4524,
0.2622

■ 17.6707, 0.3975,
0.2752

■ 11.3954, 0.4826,
0.2615

■ 21.1748, 0.3748,
0.2850

■ 10.5009, 0.5124,
0.2659

■ 25.4732, 0.3554,
0.2957

■ 10.0586, 0.5351,
0.2721

■ 30.6113, 0.3392,
0.3065

■ 36.6309, 0.3258,
0.3171

■ 43.5713, 0.3147,
0.3271

■ 51.4692, 0.3056,
0.3364

■ 60.3593, 0.2981,
0.3451

■ 70.2747, 0.2919,
0.3530

Harmonies

Analogous

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



14.9102, 0.3200, 0.2174



14.9102, 0.4236, 0.2672



14.9102, 0.4960, 0.3300

Triad

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



14.9102, 0.4236, 0.2672



14.9102, 0.3730, 0.5137



14.9102, 0.1496, 0.2159

Complementary

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



14.9102, 0.4236, 0.2672



35.1900, 0.2648, 0.4085

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.



14.9102, 0.1578, 0.2854



14.9102, 0.4236, 0.2672



14.9102, 0.2808, 0.4930

Square

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



14.9102, 0.4236, 0.2672



14.9102, 0.4550, 0.4671



14.9102, 0.2022, 0.3943



14.9102, 0.1733, 0.1869

Rectangle

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



14.9102, 0.4236, 0.2672



14.9102, 0.5089, 0.3752



14.9102, 0.2022, 0.3943



14.9102, 0.1486, 0.2341

Sweetspot

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



14.9110, 0.4236, 0.2672



57.5618, 0.3353, 0.3094



12.3564, 0.2604, 0.1622



12.1139, 0.3394, 0.3063



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



14.9110, 0.4236, 0.2672



22.0409, 0.4621, 0.2615



15.3449, 0.4967, 0.3417



8.5605, 0.3226, 0.3198



7.1203, 0.5321, 0.2705



0.2357, 0.4593, 0.2304

Inverse Universe

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



14.9110, 0.4236, 0.2672



22.0409, 0.4621, 0.2615



33.1391, 0.2350, 0.3135



8.5605, 0.3226, 0.3198



7.1203, 0.5321, 0.2705



0.2357, 0.4593, 0.2304

Previews

White Background



This preview shows how the Yxy color 14.9102, 0.4236, 0.2672 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 14.9102, 0.4236, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

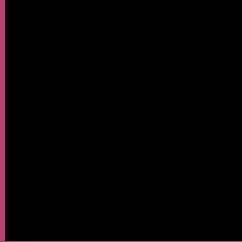
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 14.9102, 0.4236, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 14.9102, 0.4236, 0.2672.



This preview shows how white text looks on a background with the Yxy color 14.9102, 0.4236, 0.2672.

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

14.9102, 0.4236, 0.2672

Protanopia

15.1171, 0.2693, 0.2676

Deuteranopia

15.0866, 0.3299, 0.3250



Tritanopia

14.9585, 0.4765, 0.3226

Trichromacy



Original Color

14.9102, 0.4236, 0.2672

Protanomaly

14.0808, 0.3158, 0.2627

Deuteranomaly

14.4211, 0.3637, 0.2985

Tritanomaly

14.8724, 0.4587, 0.3018

Monochromacy



Original Color

14.9102, 0.4236, 0.2672

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.7450, 0.3514, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9102, 0.4236, 0.2672 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(179, 68, 113)` looks like.

```
.text, #text, p{  
    color:rgb(179, 68, 113)  
}
```

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(179, 68, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 68, 113) }
```

Border

The CSS property to change the border of an element to Yxy 14.9102, 0.4236, 0.2672 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(179, 68, 113) }
```

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

```
.border{ border-color:rgb(179, 68, 113) }
```

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

Here you see how a box with a 4 pixel rgb(179, 68, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 68, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 68, 113);  
box-shadow:4px 4px 4px 4px rgb(179, 68,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9102, 0.4236, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 68, 113) }
```

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

```
.background{ background-color: rgb(179, 68,  
113) }
```

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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