

Converting Colors

$Y_{xy}(13.9252, 0.3404, 0.2316)$

Have a look what the booklet for
Yxy(13.9252, 0.3404, 0.2316)
contains.

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Color

Yxy(14.0128, 0.3414, 0.2326)

Conversions

Conversions Part 1

Format	Color
Hex	9A4D8A
RGB	154, 77, 138
RGB Percent	60%, 30%, 54%
CMY	0.3961, 0.6980, 0.4588
CMYK	0.00, 0.50, 0.10, 0.40
HSL	312°, 33%, 45%
HSV	312°, 50%, 60%
XYZ	20.5674, 14.0128, 25.6640
YIQ	106.9770, 26.3110, 35.2950

Conversions

Conversions Part 2

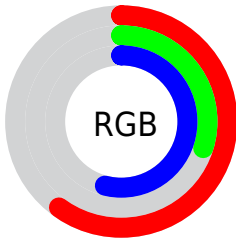
Format	Color
RYB	154, 77, 138
Decimal	10112394
CIELab	44.25, 40.48, -19.66
CIELCh	44, 45.000, 334.092
Yxy	14.0128, 0.3414, 0.2326
Android (android.graphics.Color)	4288302474 (0xFF9A4D8A)
YUV	106.9770, 15.2943, 41.2392
Hunter-Lab	37.4337, 32.5652, -14.4449

Details

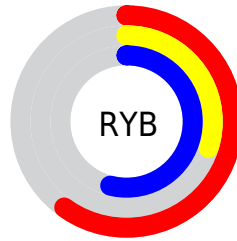
The Yxy color **14.0128, 0.3414, 0.2326** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.4795, 0.2938, 0.4512**, and the grayscale version is **14.6483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2079, 0.3352, 0.2533**, and **4.2101, 0.3511, 0.1971** is the 20% darker color. If you saturate the color by 10%, you get **12.0161, 0.3490, 0.2163**, and if you desaturate by 10%, it is **16.5238, 0.3343, 0.2510**.

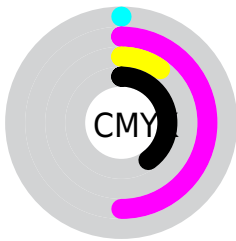
Distribution



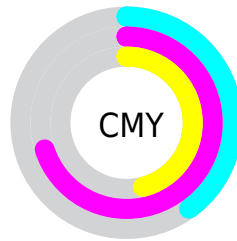
- Red (60%)
- Green (30%)
- Blue (54%)



- Red (60%)
- Yellow (30%)
- Blue (54%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (40%)




- Cyan (40%)
- Magenta (70%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0128, 0.3414, 0.2326 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 14.0128, 0.3414, 0.2326 by changing the saturation by 10% instead.


 14.0128, 0.3414,
0.2326


 14.0128, 0.3414,
0.2326

217.3104, 0.3261,
0.2860


 8.1296, 0.3454,
0.2174


 33.1117, 0.3356,
0.2534


 4.1780, 0.3507,
0.1967


 47.0962, 0.3335,
0.2608

 1.7736, 0.3576,
0.1672

 64.5499, 0.3318,
0.2668

 0.4706, 0.3715,
0.1102

 85.8573, 0.3303,
0.2719

 0.0000, 0.3599,
0.0000

 111.4026, 0.3290,
0.2763

 0.0000, 0.0000,
0.0000

141.5703, 0.3279,

0.2800

176.7448, 0.3269,
0.2832

■ 14.0128, 0.3414,
0.2326

■ 14.0128, 0.3414,
0.2326

■ 12.0161, 0.3490,
0.2163

■ 16.5238, 0.3343,
0.2510

■ 10.4950, 0.3570,
0.2031

■ 19.5800, 0.3279,
0.2705

■ 9.4088, 0.3650,
0.1937

■ 23.2125, 0.3221,
0.2904

■ 8.7088, 0.3729,
0.1886

■ 27.4491, 0.3171,
0.3100

■ 8.2751, 0.3807,
0.1871

■ 32.3162, 0.3127,
0.3290

■ 8.2749, 0.3807,
0.1871

■ 37.8383, 0.3090,
0.3470

■ 44.0388, 0.3058,
0.3638

■ 50.9398, 0.3031,
0.3794

■ 58.5626, 0.3008,
0.3938

Harmonies

Analogous

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



14.0128, 0.2517, 0.2005



14.0128, 0.3414, 0.2326



14.0128, 0.4351, 0.2837

Triad

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



14.0128, 0.3414, 0.2326



14.0128, 0.4329, 0.4728



14.0128, 0.1620, 0.2712

Complementary

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



14.0128, 0.3414, 0.2326



25.4795, 0.2938, 0.4512

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.



14.0128, 0.1970, 0.3662



14.0128, 0.3414, 0.2326



14.0128, 0.3521, 0.5034

Square

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



14.0128, 0.3414, 0.2326



14.0128, 0.4867, 0.4114



14.0128, 0.2657, 0.4647



14.0128, 0.1606, 0.2140

Rectangle

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



14.0128, 0.3414, 0.2326



14.0128, 0.4788, 0.3243



14.0128, 0.2657, 0.4647



14.0128, 0.1697, 0.2993

Sweetspot

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



14.0135, 0.3414, 0.2326



45.6415, 0.3197, 0.2997



9.9379, 0.2366, 0.1817



9.9950, 0.3207, 0.2958



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



14.0135, 0.3414, 0.2326



21.4502, 0.3500, 0.2145



13.1007, 0.4060, 0.2909



6.3016, 0.3167, 0.3115



6.7471, 0.3801, 0.1868



0.1058, 0.3497, 0.1700

Inverse Universe

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



14.0135, 0.3414, 0.2326



21.4502, 0.3500, 0.2145



26.3251, 0.2651, 0.3731



6.3016, 0.3167, 0.3115



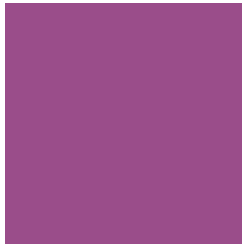
6.7471, 0.3801, 0.1868



0.1058, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 14.0128, 0.3414, 0.2326 looks on a white background.

Color Contrast Check

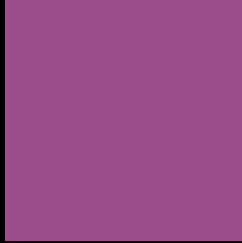
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0128, 0.3414, 0.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

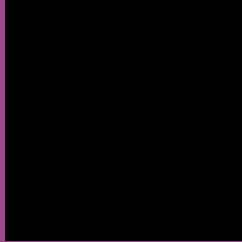
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0128, 0.3414, 0.2326

Background



This preview shows how black text looks on a background with the Yxy color 14.0128, 0.3414, 0.2326.



This preview shows how white text looks on a background with the Yxy color 14.0128, 0.3414, 0.2326.

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

14.0128, 0.3414, 0.2326

Protanopia

14.1821, 0.2340, 0.2220

Deuteranopia

14.1607, 0.2738, 0.2683



Tritanopia

13.9963, 0.4050, 0.3189

Trichromacy



Original Color

14.0128, 0.3414, 0.2326

Protanomaly

13.6193, 0.2654, 0.2239

Deuteranomaly

13.7477, 0.2953, 0.2518

Tritanomaly

13.8699, 0.3827, 0.2851

Monochromacy



Original Color

14.0128, 0.3414, 0.2326

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

13.9588, 0.3235, 0.2865

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0128, 0.3414, 0.2326 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(154, 77, 138)` looks like.

```
.text, #text, p{  
    color:rgb(154, 77, 138)  
}
```

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(154, 77, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 77, 138) }
```

Border

The CSS property to change the border of an element to Yxy 14.0128, 0.3414, 0.2326 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(154, 77, 138) }
```

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

```
.border{ border-color:rgb(154, 77, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 77, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 77, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 77, 138);  
box-shadow:4px 4px 4px 4px rgb(154, 77,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0128, 0.3414, 0.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 77, 138) }
```

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

```
.background{ background-color: rgb(154, 77,  
138) }
```

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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