

Converting Colors

$Y_{xy}(14.1145, 0.3367, 0.2308)$

Have a look what the booklet for
Yxy(14.1145, 0.3367, 0.2308)
contains.

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Color

Yxy(14.1145, 0.3367, 0.2308)

Conversions

Conversions Part 1

Format	Color
Hex	994E8C
RGB	153, 78, 140
RGB Percent	60%, 31%, 55%
CMY	0.4001, 0.6940, 0.4510
CMYK	0.00, 0.49, 0.08, 0.40
HSL	310°, 32%, 45%
HSV	310°, 49%, 60%
XYZ	20.5908, 14.1145, 26.4494
YIQ	107.4930, 24.7980, 35.1820

Conversions

Conversions Part 2

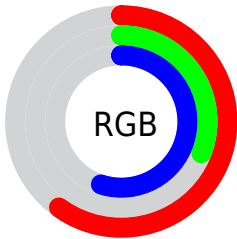
Format	Color
R _Y B	153, 78, 140
Decimal	10047116
CIE Lab	44.40, 39.96, -20.66
CIE LCh	44, 44.988, 332.665
Yxy	14.1145, 0.3367, 0.2308
Android (android.graphics.Color)	4288237196 (0xFF994E8C)
YUV	107.4930, 16.0260, 39.9096
Hunter-Lab	37.5693, 32.0852, -15.4427

Details

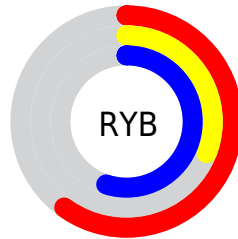
The Yxy color **14.1145, 0.3367, 0.2308** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.1494, 0.2961, 0.4535**, and the grayscale version is **14.7978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4156, 0.3319, 0.2520**, and **4.2314, 0.3434, 0.1939** is the 20% darker color. If you saturate the color by 10%, you get **12.1106, 0.3430, 0.2138**, and if you desaturate by 10%, it is **16.6272, 0.3308, 0.2499**.

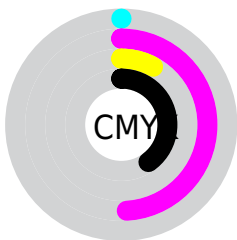
Distribution



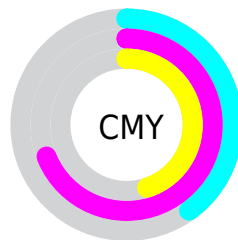
- Red (60%)
- Green (31%)
- Blue (55%)



- Red (60%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (49%)
- Yellow (8%)
- Black (40%)





- Cyan (40%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1145, 0.3367, 0.2308 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 14.1145, 0.3367, 0.2308 by changing the saturation by 10% instead.


 14.1145, 0.3367,
0.2308


 14.1145, 0.3367,
0.2308


217.9420, 0.3242,
0.2851


 8.2003, 0.3398,
0.2154


 33.2921, 0.3321,
0.2519


 4.2234, 0.3437,
0.1945


 47.3242, 0.3304,
0.2594


 1.7993, 0.3484,
0.1649

 64.8312, 0.3290,
0.2655

 0.4867, 0.3578,
0.1095

 86.1974, 0.3277,
0.2707

 0.0000, 0.3342,
0.0000

 111.8072, 0.3267,
0.2751

 0.0000, 0.0000,
0.0000

142.0449, 0.3258,

0.2789

177.2951, 0.3250,
0.2822

■ 14.1145, 0.3367,
0.2308

■ 14.1145, 0.3367,
0.2308

■ 12.1106, 0.3430,
0.2138

■ 16.6272, 0.3308,
0.2499

■ 10.5780, 0.3496,
0.1997

■ 19.6790, 0.3253,
0.2702

■ 9.4772, 0.3561,
0.1894


■ 23.3000, 0.3204,
0.2909


■ 8.7612, 0.3626,
0.1834

■ 27.5175, 0.3161,
0.3113


■ 8.3290, 0.3687,
0.1811


■ 32.3572, 0.3124,
0.3309

 8.2887, 0.3694,
0.1809

 37.8432, 0.3091,
0.3496

 43.9982, 0.3063,
0.3671

 50.8440, 0.3040,
0.3833

 58.4013, 0.3020,
0.3982

Harmonies

Analogous

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



14.1145, 0.2482, 0.1999



14.1145, 0.3367, 0.2308



14.1145, 0.4308, 0.2811

Triad

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



14.1145, 0.3367, 0.2308



14.1145, 0.4360, 0.4700



14.1145, 0.1632, 0.2751

Complementary

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



14.1145, 0.3367, 0.2308



25.1494, 0.2961, 0.4535

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.



14.1145, 0.1998, 0.3712



14.1145, 0.3367, 0.2308



14.1145, 0.3562, 0.5027

Square

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



14.1145, 0.3367, 0.2308



14.1145, 0.4878, 0.4082



14.1145, 0.2697, 0.4679



14.1145, 0.1603, 0.2161

Rectangle

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



14.1145, 0.3367, 0.2308



14.1145, 0.4761, 0.3213



14.1145, 0.2697, 0.4679



14.1145, 0.1714, 0.3037

Sweetspot

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



14.1152, 0.3367, 0.2308



44.4117, 0.3188, 0.2985



9.9507, 0.2356, 0.1841



9.4959, 0.3196, 0.2945



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



14.1152, 0.3367, 0.2308



21.3332, 0.3438, 0.2119



13.2011, 0.3986, 0.2875



6.3053, 0.3162, 0.3108



6.8575, 0.3690, 0.1806



0.1068, 0.3446, 0.1672

Inverse Universe

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



14.1152, 0.3367, 0.2308



21.3332, 0.3438, 0.2119



25.9523, 0.2677, 0.3770



6.3053, 0.3162, 0.3108



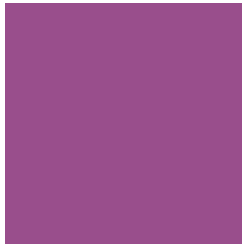
6.8575, 0.3690, 0.1806



0.1068, 0.3446, 0.1672

Previews

White Background



This preview shows how the Yxy color 14.1145, 0.3367, 0.2308 looks on a white background.

Color Contrast Check

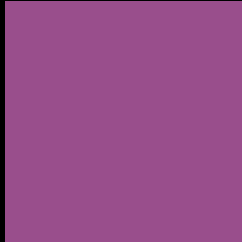
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1145, 0.3367, 0.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

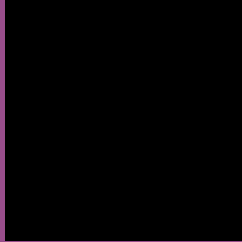
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1145, 0.3367, 0.2308

Background



This preview shows how black text looks on a background with the Yxy color 14.1145, 0.3367, 0.2308.



This preview shows how white text looks on a background with the Yxy color 14.1145, 0.3367, 0.2308.

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

14.1145, 0.3367, 0.2308

Protanopia

14.4171, 0.2336, 0.2225

Deuteranopia

14.3875, 0.2696, 0.2648



Tritanopia

14.1016, 0.3994, 0.3170

Trichromacy



Original Color

14.1145, 0.3367, 0.2308

Protanomaly

13.7993, 0.2624, 0.2225

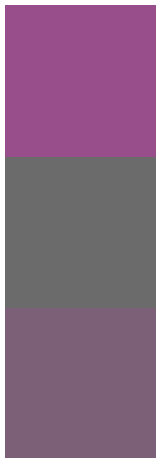
Deuteranomaly

13.9125, 0.2915, 0.2501

Tritanomaly

13.9724, 0.3773, 0.2832

Monochromacy



Original Color

14.1145, 0.3367, 0.2308

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

13.9827, 0.3221, 0.2846

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1145, 0.3367, 0.2308 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(153, 78, 140)` looks like.

```
.text, #text, p{  
    color:rgb(153, 78, 140)  
}
```

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(153, 78, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 78, 140) }
```

Border

The CSS property to change the border of an element to Yxy 14.1145, 0.3367, 0.2308 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(153, 78, 140) }
```

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

```
.border{ border-color:rgb(153, 78, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 78, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 78, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 78, 140); box-shadow:4px 4px 4px 4px rgb(153, 78, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1145, 0.3367, 0.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 78, 140) }
```

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

```
.background{ background-color: rgb(153, 78,  
140) }
```

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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