

Converting Colors

$Y_{xy}(14.7648, 0.3445, 0.2352)$

Have a look what the booklet for
Yxy(14.7648, 0.3445, 0.2352)
contains.

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Color

Yxy(14.7545, 0.3439, 0.2346)

Conversions

Conversions Part 1

Format	Color
Hex	9E4F8C
RGB	158, 79, 140
RGB Percent	62%, 31%, 55%
CMY	0.3804, 0.6902, 0.4511
CMYK	0.00, 0.50, 0.11, 0.38
HSL	314°, 33%, 46%
HSV	314°, 50%, 62%
XYZ	21.6286, 14.7545, 26.5090
YIQ	109.5750, 27.5030, 35.7190

Conversions

Conversions Part 2

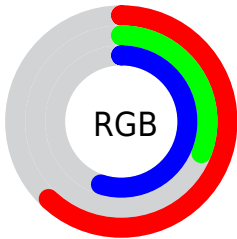
Format	Color
R _Y B	158, 79, 140
Decimal	10375052
CIE Lab	45.30, 41.05, -19.20
CIE LCh	45, 45.319, 334.932
Yxy	14.7545, 0.3439, 0.2346
Android (android.graphics.Color)	4288565132 (0xFF9E4F8C)
YUV	109.5750, 14.9995, 42.4687
Hunter-Lab	38.4116, 33.2887, -14.0298

Details

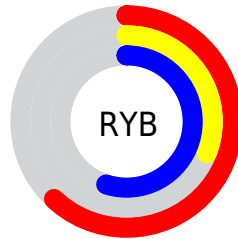
The Yxy color **14.7545, 0.3439, 0.2346** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.9803, 0.2926, 0.4483**, and the grayscale version is **15.4161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4238, 0.3369, 0.2544**, and **4.5117, 0.3526, 0.1996** is the 20% darker color. If you saturate the color by 10%, you get **12.6355, 0.3523, 0.2186**, and if you desaturate by 10%, it is **17.4201, 0.3361, 0.2526**.

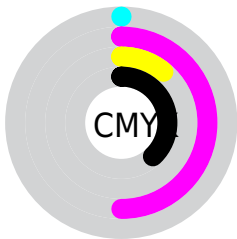
Distribution



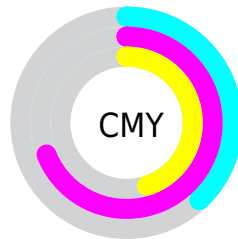
- Red (62%)
- Green (31%)
- Blue (55%)



- Red (62%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7545, 0.3439, 0.2346 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 14.7545, 0.3439, 0.2346 by changing the saturation by 10% instead.


 14.7545, 0.3439,
0.2346


 14.7545, 0.3439,
0.2346


221.8754, 0.3272,
0.2866


 8.6473, 0.3484,
0.2199


 34.4219, 0.3376,
0.2547


 4.5118, 0.3543,
0.2000


 48.7509, 0.3353,
0.2619


 1.9638, 0.3622,
0.1717

 66.5893, 0.3334,
0.2678

 0.5863, 0.3754,
0.1235

 88.3214, 0.3317,
0.2728

 0.0000, 0.3954,
0.0000

 114.3317, 0.3303,
0.2770

 0.0000, 0.0000,
0.0000

145.0045, 0.3291,

0.2807

180.7243, 0.3281,
0.2838

■ 14.7545, 0.3439,
0.2346

■ 14.7545, 0.3439,
0.2346

■ 12.6355, 0.3523,
0.2186

■ 17.4201, 0.3361,
0.2526

■ 11.0220, 0.3611,
0.2057

■ 20.6654, 0.3291,
0.2718

■ 9.8704, 0.3701,
0.1966


■ 24.5234, 0.3229,
0.2913

■ 9.1289, 0.3790,
0.1920


■ 29.0239, 0.3174,
0.3105


■ 8.6732, 0.3877,
0.1909

■ 34.1949, 0.3127,
0.3290

 8.6729, 0.3877,
0.1909

 40.0625, 0.3087,
0.3466

 46.6516, 0.3053,
0.3630

 53.9859, 0.3024,
0.3782

 62.0878, 0.3000,
0.3922

Harmonies

Analogous

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



14.7545, 0.2545, 0.2021



14.7545, 0.3439, 0.2346



14.7545, 0.4361, 0.2858

Triad

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



14.7545, 0.3439, 0.2346



14.7545, 0.4301, 0.4731



14.7545, 0.1627, 0.2697

Complementary

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



14.7545, 0.3439, 0.2346



26.9803, 0.2926, 0.4483

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.



14.7545, 0.1966, 0.3629



14.7545, 0.3439, 0.2346



14.7545, 0.3496, 0.5015

Square

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



14.7545, 0.3439, 0.2346



14.7545, 0.4843, 0.4129



14.7545, 0.2640, 0.4610



14.7545, 0.1622, 0.2140

Rectangle

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



14.7545, 0.3439, 0.2346



14.7545, 0.4785, 0.3262



14.7545, 0.2640, 0.4610



14.7545, 0.1701, 0.2972

Sweetspot

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



14.7552, 0.3439, 0.2346



48.2278, 0.3202, 0.3004



10.5555, 0.2379, 0.1819



10.5138, 0.3213, 0.2965



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



14.7552, 0.3439, 0.2346



22.5544, 0.3533, 0.2169



13.8097, 0.4087, 0.2930



6.7287, 0.3170, 0.3119



6.9523, 0.3870, 0.1906



0.1302, 0.3561, 0.1736

Inverse Universe

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



14.7552, 0.3439, 0.2346



22.5544, 0.3533, 0.2169



27.8833, 0.2641, 0.3706



6.7287, 0.3170, 0.3119



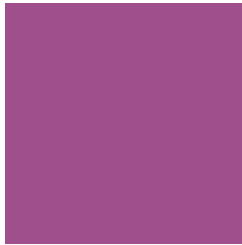
6.9523, 0.3870, 0.1906



0.1302, 0.3561, 0.1736

Previews

White Background



This preview shows how the Yxy color 14.7545, 0.3439, 0.2346 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 14.7545, 0.3439, 0.2346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

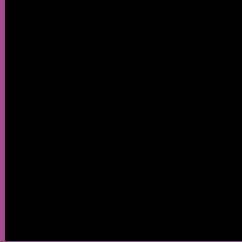
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7545, 0.3439, 0.2346

Background



This preview shows how black text looks on a background with the Yxy color 14.7545, 0.3439, 0.2346.



This preview shows how white text looks on a background with the Yxy color 14.7545, 0.3439, 0.2346.

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

14.7545, 0.3439, 0.2346

Protanopia

15.0051, 0.2362, 0.2256

Deuteranopia

15.0004, 0.2758, 0.2715



Tritanopia

14.7616, 0.4047, 0.3174

Trichromacy



Original Color

14.7545, 0.3439, 0.2346

Protanomaly

14.2431, 0.2673, 0.2257

Deuteranomaly

14.4570, 0.2983, 0.2535

Tritanomaly

14.6354, 0.3828, 0.2845

Monochromacy



Original Color

14.7545, 0.3439, 0.2346

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.8162, 0.3233, 0.2874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7545, 0.3439, 0.2346 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(158, 79, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 79, 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(158, 79, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 79, 140) }
```

Border

The CSS property to change the border of an element to Yxy 14.7545, 0.3439, 0.2346 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(158, 79, 140) }
```

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

```
.border{ border-color:rgb(158, 79, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 79, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 79, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 79, 140);  
box-shadow:4px 4px 4px 4px rgb(158, 79,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7545, 0.3439, 0.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 79, 140) }
```

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

```
.background{ background-color: rgb(158, 79,  
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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