

Converting Colors

$Y_{xy}(15.6482, 0.3328, 0.2312)$

Have a look what the booklet for
Yxy(15.6482, 0.3328, 0.2312)
contains.

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Color

Yxy(15.5622, 0.3330, 0.2307)

Conversions

Conversions Part 1

Format	Color
Hex	9E5393
RGB	158, 83, 147
RGB Percent	62%, 33%, 58%
CMY	0.3803, 0.6745, 0.4235
CMYK	0.00, 0.47, 0.07, 0.38
HSL	309°, 31%, 47%
HSV	309°, 47%, 62%
XYZ	22.4630, 15.5622, 29.4312
YIQ	112.7210, 24.1560, 35.8040

Conversions

Conversions Part 2

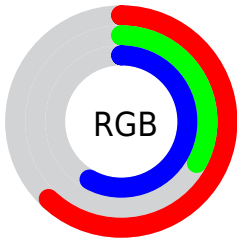
Format	Color
R_{YB}	158, 83, 147
Decimal	10376083
CIE _{Lab}	46.39, 40.19, -21.74
CIE _{LCh}	46, 45.692, 331.593
Yxy	15.5622, 0.3330, 0.2307
Android (android.graphics.Color)	4288566163 (0xFF9E5393)
YUV	112.7210, 16.8995, 39.7097
Hunter-Lab	39.4490, 32.6057, -16.6196

Details

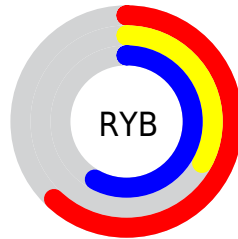
The Yxy color **15.5622, 0.3330, 0.2307** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.1042, 0.2979, 0.4533**, and the grayscale version is **16.3705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8411, 0.3294, 0.2515**, and **4.8808, 0.3395, 0.1960** is the 20% darker color. If you saturate the color by 10%, you get **13.3426, 0.3384, 0.2129**, and if you desaturate by 10%, it is **18.3356, 0.3279, 0.2506**.

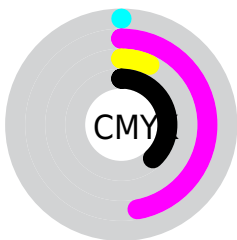
Distribution



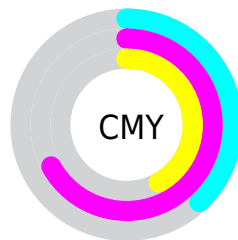
- Red (62%)
- Green (33%)
- Blue (58%)



- Red (62%)
- Yellow (33%)
- Blue (58%)



- Cyan (0%)
- Magenta (47%)
- Yellow (7%)
- Black (38%)




- Cyan (38%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5622, 0.3330, 0.2307 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 15.5622, 0.3330, 0.2307 by changing the saturation by 10% instead.


 15.5622, 0.3330,
0.2307


 15.5622, 0.3330,
0.2307


226.7443, 0.3229,
0.2843

 9.2149, 0.3353,
0.2159


 35.8365, 0.3294,
0.2513


 4.8816, 0.3381,
0.1959


 50.5322, 0.3280,
0.2586

 2.1780, 0.3412,
0.1681

 68.7796, 0.3268,
0.2648

 0.7079, 0.3444,
0.1255

 90.9630, 0.3258,
0.2699

 0.0000, 0.3557,
0.0000

 117.4667, 0.3249,
0.2743

 0.0000, 0.0000,
0.0000

148.6753, 0.3242,

0.2781

184.9730, 0.3235,
0.2814

■ 15.5622, 0.3330,
0.2307

■ 15.5622, 0.3330,
0.2307

■ 13.3426, 0.3384,
0.2129

■ 18.3356, 0.3279,
0.2506

■ 11.6369, 0.3439,
0.1980

■ 21.6952, 0.3232,
0.2715

■ 10.4029, 0.3495,
0.1868

■ 25.6732, 0.3190,
0.2928

■ 9.5911, 0.3548,
0.1799

■ 30.2989, 0.3152,
0.3138

■ 9.1186, 0.3599,
0.1769

■ 35.5997, 0.3119,
0.3340

■ 9.0155, 0.3612,
0.1764

■ 41.6016, 0.3091,
0.3532

■ 48.3290, 0.3066,
0.3711

■ 55.8053, 0.3045,
0.3876

■ 64.0526, 0.3028,
0.4029

Harmonies

Analogous

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



15.5622, 0.2466, 0.2009



15.5622, 0.3330, 0.2307



15.5622, 0.4259, 0.2799

Triad

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



15.5622, 0.3330, 0.2307



15.5622, 0.4370, 0.4663



15.5622, 0.1659, 0.2790

Complementary

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



15.5622, 0.3330, 0.2307



27.1042, 0.2979, 0.4533

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.



15.5622, 0.2035, 0.3743



15.5622, 0.3330, 0.2307



15.5622, 0.3590, 0.4996

Square

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



15.5622, 0.3330, 0.2307



15.5622, 0.4863, 0.4052



15.5622, 0.2735, 0.4677



15.5622, 0.1619, 0.2193

Rectangle

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



15.5622, 0.3330, 0.2307



15.5622, 0.4716, 0.3195



15.5622, 0.2735, 0.4677



15.5622, 0.1746, 0.3076

Sweetspot

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



15.5629, 0.3330, 0.2307



49.1747, 0.3177, 0.2996



10.9814, 0.2355, 0.1877



10.7146, 0.3185, 0.2953



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.



15.5629, 0.3330, 0.2307



24.0020, 0.3387, 0.2118



14.5924, 0.3907, 0.2845



6.7379, 0.3159, 0.3101



7.2239, 0.3609, 0.1762



0.1333, 0.3427, 0.1662

Inverse Universe

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



15.5629, 0.3330, 0.2307



24.0020, 0.3387, 0.2118



27.9216, 0.2705, 0.3803



6.7379, 0.3159, 0.3101



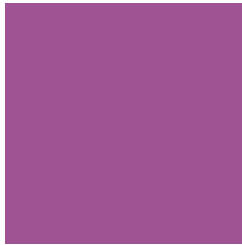
7.2239, 0.3609, 0.1762



0.1333, 0.3427, 0.1662

Previews

White Background



This preview shows how the Yxy color 15.5622, 0.3330, 0.2307 looks on a white background.

Color Contrast Check

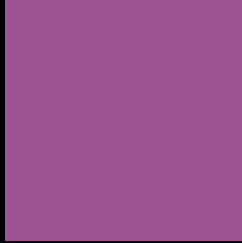
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5622, 0.3330, 0.2307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

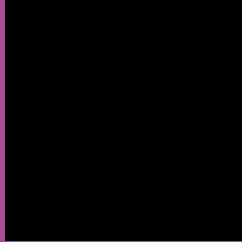
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5622, 0.3330, 0.2307

Background



This preview shows how black text looks on a background with the Yxy color 15.5622, 0.3330, 0.2307.



This preview shows how white text looks on a background with the Yxy color 15.5622, 0.3330, 0.2307.

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

15.5622, 0.3330, 0.2307

Protanopia

15.9010, 0.2336, 0.2230

Deuteranopia

15.6514, 0.2679, 0.2615



Tritanopia

15.5211, 0.3957, 0.3174

Trichromacy



Original Color

15.5622, 0.3330, 0.2307

Protanomaly

15.2972, 0.2622, 0.2232

Deuteranomaly

15.2224, 0.2900, 0.2479

Tritanomaly

15.3977, 0.3730, 0.2829

Monochromacy



Original Color

15.5622, 0.3330, 0.2307

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.6505, 0.3203, 0.2863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5622, 0.3330, 0.2307 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, 83, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 83, 147)  
}
```

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, 83, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 83, 147) }
```

Border

The CSS property to change the border of an element to Yxy 15.5622, 0.3330, 0.2307 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, 83, 147) }
```

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

```
.border{ border-color:rgb(158, 83, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 83, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 83, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 83, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 83,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5622, 0.3330, 0.2307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 83, 147) }
```

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

```
.background{ background-color: rgb(158, 83,  
147) }
```

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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