

Converting Colors

$Y_{xy}(15.0877, 0.3151, 0.2381)$

Have a look what the booklet for
Yxy(15.0877, 0.3151, 0.2381)
contains.

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Color

Yxy(15.1656, 0.3155, 0.2390)

Conversions

Conversions Part 1

Format	Color
Hex	8F5A90
RGB	143, 90, 144
RGB Percent	56%, 35%, 56%
CMY	0.4392, 0.6471, 0.4352
CMYK	0.01, 0.38, 0.00, 0.44
HSL	299°, 23%, 46%
HSV	299°, 38%, 56%
XYZ	20.0199, 15.1656, 28.2689
YIQ	112.0030, 14.2540, 28.0300

Conversions

Conversions Part 2

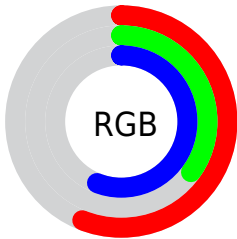
Format	Color
R _Y B	143, 90, 144
Decimal	9394832
CIE Lab	45.86, 30.85, -20.93
CIE LCh	46, 37.286, 325.845
Yxy	15.1656, 0.3155, 0.2390
Android (android.graphics.Color)	4287584912 (0xFF8F5A90)
YUV	112.0030, 15.7745, 27.1844
Hunter-Lab	38.9430, 23.6131, -15.7788

Details

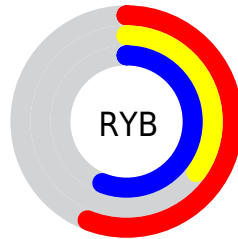
The Yxy color **15.1656, 0.3155, 0.2390** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.9187, 0.3086, 0.4382**, and the grayscale version is **16.1544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1327, 0.3160, 0.2582**, and **4.6704, 0.3140, 0.2060** is the 20% darker color. If you saturate the color by 10%, you get **12.9432, 0.3161, 0.2167**, and if you desaturate by 10%, it is **17.8602, 0.3148, 0.2627**.

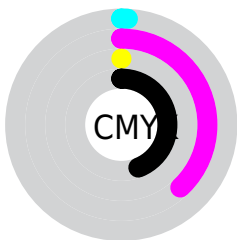
Distribution



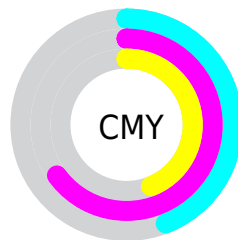
- Red (56%)
- Green (35%)
- Blue (56%)



- Red (56%)
- Yellow (35%)
- Blue (56%)



- Cyan (1%)
- Magenta (38%)
- Yellow (0%)
- Black (44%)





- Cyan (44%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.1656, 0.3155, 0.2390 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 15.1656, 0.3155, 0.2390 by changing the saturation by 10% instead.


 15.1656, 0.3155,
0.2390


 15.1656, 0.3155,
0.2390


224.3664, 0.3152,
0.2888


 8.9357, 0.3150,
0.2248


 35.1434, 0.3157,
0.2583


 4.6993, 0.3138,
0.2056


 49.6601, 0.3157,
0.2652

 2.0719, 0.3110,
0.1781

 67.7079, 0.3156,
0.2709

 0.6488, 0.3050,
0.1330

 89.6711, 0.3156,
0.2756

 0.0000, 0.2477,
0.0000

 115.9342, 0.3155,
0.2797

 0.0000, 0.0000,
0.0000

146.8815, 0.3154,

0.2831

182.8974, 0.3153,
0.2861

■ 15.1656, 0.3155,
0.2390

■ 15.1656, 0.3155,
0.2390

■ 12.9432, 0.3161,
0.2167

■ 17.8602, 0.3148,
0.2627

■ 11.1637, 0.3165,
0.1968

■ 21.0502, 0.3141,
0.2871

■ 9.7976, 0.3167,
0.1801


■ 24.7594, 0.3133,
0.3113


■ 8.8112, 0.3168,
0.1671


■ 29.0098, 0.3125,
0.3347

■ 8.1651, 0.3166,
0.1582

■ 33.8220, 0.3117,
0.3571

 7.7867, 0.3164,
0.1528

 39.2154, 0.3109,
0.3780

 7.7030, 0.3163,
0.1516

 45.2087, 0.3102,
0.3974

 51.8197, 0.3095,
0.4152

 59.0653, 0.3089,
0.4314

Harmonies

Analogous

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



15.1656, 0.2463, 0.2170



15.1656, 0.3155, 0.2390



15.1656, 0.3928, 0.2793

Triad

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



15.1656, 0.3155, 0.2390



15.1656, 0.4296, 0.4385



15.1656, 0.1923, 0.3029

Complementary

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



15.1656, 0.3155, 0.2390



22.9187, 0.3086, 0.4382

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.



15.1656, 0.2317, 0.3826



15.1656, 0.3155, 0.2390



15.1656, 0.3682, 0.4678

Square

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



15.1656, 0.3155, 0.2390



15.1656, 0.4616, 0.3871



15.1656, 0.2957, 0.4499



15.1656, 0.1824, 0.2453

Rectangle

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



15.1656, 0.3155, 0.2390



15.1656, 0.4346, 0.3131



15.1656, 0.2957, 0.4499



15.1656, 0.2022, 0.3281

Sweetspot

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



15.1663, 0.3155, 0.2390



41.1147, 0.3136, 0.3023



11.8074, 0.2471, 0.2234



9.2477, 0.3137, 0.2995



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.1663, 0.3155, 0.2390



23.3892, 0.3160, 0.2202



14.5712, 0.3535, 0.2787



5.5059, 0.3134, 0.3073



6.7062, 0.3163, 0.1516



0.0652, 0.3188, 0.1530

Inverse Universe

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



13.9995, 0.3988, 0.3274



21.0349, 0.4288, 0.3271



23.3714, 0.2857, 0.3860



5.4256, 0.3278, 0.3286



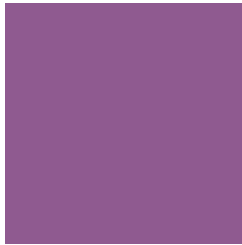
5.1690, 0.6372, 0.3284



0.0497, 0.6233, 0.3207

Previews

White Background



This preview shows how the Yxy color 15.1656, 0.3155, 0.2390 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 15.1656, 0.3155, 0.2390 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 15.1656, 0.3155, 0.2390

Background



This preview shows how black text looks on a background with the Yxy color 15.1656, 0.3155, 0.2390.



This preview shows how white text looks on a background with the Yxy color 15.1656, 0.3155, 0.2390.

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

15.1656, 0.3155, 0.2390

Protanopia

15.2769, 0.2434, 0.2345

Deuteranopia

15.3220, 0.2685, 0.2628



Tritanopia

15.1792, 0.3615, 0.3144

Trichromacy



Original Color

15.1656, 0.3155, 0.2390

Protanomaly

14.9539, 0.2656, 0.2354

Deuteranomaly

15.1119, 0.2847, 0.2530

Tritanomaly

15.1159, 0.3444, 0.2845

Monochromacy



Original Color

15.1656, 0.3155, 0.2390

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5668, 0.3131, 0.2909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1656, 0.3155, 0.2390 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(143, 90, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 90, 144)  
}
```

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(143, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 90, 144) }
```

Border

The CSS property to change the border of an element to Yxy 15.1656, 0.3155, 0.2390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

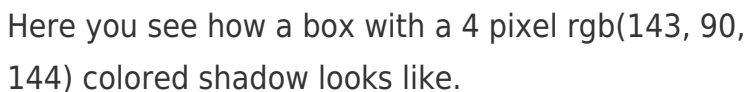
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 90, 144) }
```

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

```
.border{ border-color:rgb(143, 90, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 90, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 90, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 90, 144); box-shadow:4px 4px 4px 4px rgb(143, 90, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1656, 0.3155, 0.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 90, 144) }
```

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

```
.background{ background-color: rgb(143, 90,  
144) }
```

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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