

Converting Colors

$Y_{xy}(15.7284, 0.3058, 0.2453)$

Have a look what the booklet for
Yxy(15.7284, 0.3058, 0.2453)
contains.

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Color

Yxy(15.7284, 0.3058, 0.2453)

Conversions

Conversions Part 1

Format	Color
Hex	896091
RGB	137, 96, 145
RGB Percent	54%, 38%, 57%
CMY	0.4628, 0.6235, 0.4314
CMYK	0.06, 0.34, 0.00, 0.43
HSL	290°, 20%, 47%
HSV	290°, 34%, 57%
XYZ	19.6076, 15.7284, 28.7830
YIQ	113.8450, 8.7070, 23.9310

Conversions

Conversions Part 2

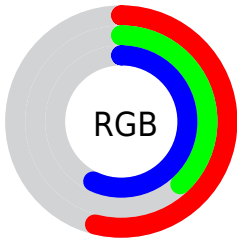
Format	Color
R_{YB}	137, 96, 145
Decimal	9003153
CIE _{Lab}	46.62, 25.54, -20.40
CIE _{LCh}	47, 32.687, 321.386
Yxy	15.7284, 0.3058, 0.2453
Android (android.graphics.Color)	4287193233 (0xFF896091)
YUV	113.8450, 15.3594, 20.3069
Hunter-Lab	39.6590, 18.8478, -15.2691

Details

The Yxy color **15.7284, 0.3058, 0.2453** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.0334, 0.3163, 0.4236**, and the grayscale version is **16.7298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0673, 0.3081, 0.2631**, and **4.9832, 0.3008, 0.2155** is the 20% darker color. If you saturate the color by 10%, you get **13.1249, 0.3028, 0.2205**, and if you desaturate by 10%, it is **18.8256, 0.3083, 0.2706**.

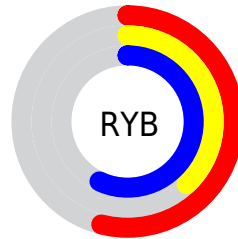
Distribution



Red (54%)

Green (38%)

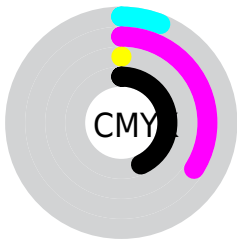
Blue (57%)



Red (54%)

Yellow (38%)

Blue (57%)

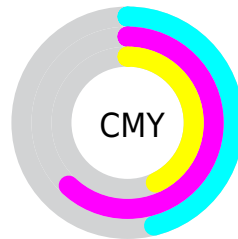


Cyan (6%)

Magenta (34%)

Yellow (0%)

Black (43%)



Cyan (46%)


Magenta (62%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.7284, 0.3058, 0.2453 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 15.7284, 0.3058, 0.2453 by changing the saturation by 10% instead.


 15.7284, 0.3058,
0.2453


 15.7284, 0.3058,
0.2453


227.7337, 0.3109,
0.2917


 9.3322, 0.3037,
0.2320


 36.1260, 0.3082,
0.2634


 4.9585, 0.3004,
0.2139


 50.8963, 0.3089,
0.2698

 2.2229, 0.2946,
0.1878

 69.2266, 0.3094,
0.2751

 0.7324, 0.2832,
0.1465

 91.5014, 0.3098,
0.2795

 0.0000, 0.2078,
0.0000

118.1051, 0.3102,
0.2833

 0.0000, 0.0000,
0.0000

149.4222, 0.3104,

0.2865

185.8369, 0.3107,
0.2893

■ 15.7284, 0.3058,
0.2453

■ 15.7284, 0.3058,
0.2453

■ 13.1249, 0.3028,
0.2205

■ 18.8256, 0.3083,
0.2706

■ 10.9861, 0.2994,
0.1973

■ 22.4393, 0.3105,
0.2958

■ 9.2833, 0.2957,
0.1765


■ 26.5932, 0.3122,
0.3201

■ 7.9835, 0.2917,
0.1591


■ 31.3092, 0.3135,
0.3432


■ 7.0493, 0.2875,
0.1458


■ 36.6077, 0.3145,
0.3648

 6.4352, 0.2833,
0.1366

 42.5084, 0.3153,
0.3847

 6.1317, 0.2807,
0.1320

 49.0296, 0.3158,
0.4029

 56.1894, 0.3162,
0.4195

 64.0046, 0.3164,
0.4346

Harmonies

Analogous

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



15.7284, 0.2473, 0.2285



15.7284, 0.3058, 0.2453



15.7284, 0.3729, 0.2795

Triad

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



15.7284, 0.3058, 0.2453



15.7284, 0.4219, 0.4206



15.7284, 0.2104, 0.3170

Complementary

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



15.7284, 0.3058, 0.2453



24.0334, 0.3163, 0.4236

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.



15.7284, 0.2498, 0.3853



15.7284, 0.3058, 0.2453



15.7284, 0.3717, 0.4478

Square

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



15.7284, 0.3058, 0.2453



15.7284, 0.4434, 0.3749



15.7284, 0.3085, 0.4374



15.7284, 0.1971, 0.2625

Rectangle

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



15.7284, 0.3058, 0.2453



15.7284, 0.4113, 0.3090



15.7284, 0.3085, 0.4374



15.7284, 0.2208, 0.3394

Sweetspot

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



15.7291, 0.3058, 0.2453



42.7384, 0.3111, 0.3046



14.4668, 0.2562, 0.2488



9.3065, 0.3109, 0.3015



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.



15.7291, 0.3058, 0.2453



24.3413, 0.3034, 0.2252



15.9619, 0.3387, 0.2731



5.4671, 0.3113, 0.3071



5.2702, 0.2810, 0.1322



0.0581, 0.3017, 0.1435

Inverse Universe

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



15.3855, 0.3758, 0.3150



23.6764, 0.3984, 0.3116



23.9101, 0.2938, 0.3926



5.4376, 0.3257, 0.3254



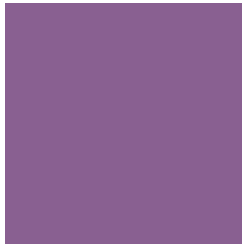
5.2215, 0.6115, 0.3142



0.0521, 0.5256, 0.2669

Previews

White Background



This preview shows how the Yxy color 15.7284, 0.3058, 0.2453 looks on a white background.

Color Contrast Check

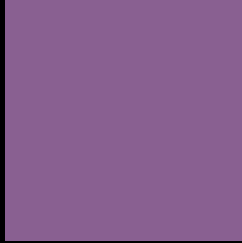
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7284, 0.3058, 0.2453 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 15.7284, 0.3058, 0.2453

Background



This preview shows how black text looks on a background with the Yxy color 15.7284, 0.3058, 0.2453.



This preview shows how white text looks on a background with the Yxy color 15.7284, 0.3058, 0.2453.

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

15.7284, 0.3058, 0.2453

Protanopia

15.8452, 0.2496, 0.2424

Deuteranopia

15.9237, 0.2692, 0.2637



Tritanopia

15.7537, 0.3436, 0.3141

Trichromacy



Original Color

15.7284, 0.3058, 0.2453

Protanomaly

15.5797, 0.2683, 0.2428

Deuteranomaly

15.6962, 0.2815, 0.2551

Tritanomaly

15.6127, 0.3303, 0.2871

Monochromacy



Original Color

15.7284, 0.3058, 0.2453

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.1336, 0.3103, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7284, 0.3058, 0.2453 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(137, 96, 145)` looks like.

```
.text, #text, p{  
    color:rgb(137, 96, 145)  
}
```

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(137, 96, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 96, 145) }
```

Border

The CSS property to change the border of an element to Yxy 15.7284, 0.3058, 0.2453 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(137, 96, 145) }
```

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

```
.border{ border-color:rgb(137, 96, 145) }
```

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

Here you see how a box with a 4 pixel rgb(137, 96, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 96, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 96, 145);  
box-shadow:4px 4px 4px 4px rgb(137, 96,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7284, 0.3058, 0.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 96, 145) }
```

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

```
.background{ background-color: rgb(137, 96,  
145) }
```

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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