

Converting Colors

$Y_{xy}(15.0367, 0.3132, 0.2475)$

Have a look what the booklet for
Yxy(15.0367, 0.3132, 0.2475)
contains.

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Color

Yxy(15.1254, 0.3137, 0.2481)

Conversions

Conversions Part 1

Format	Color
Hex	8A5D8C
RGB	138, 93, 140
RGB Percent	54%, 36%, 55%
CMY	0.4589, 0.6352, 0.4511
CMYK	0.01, 0.34, 0.00, 0.45
HSL	297°, 20%, 46%
HSV	297°, 34%, 55%
XYZ	19.1247, 15.1254, 26.7148
YIQ	111.8130, 11.7330, 24.1570

Conversions

Conversions Part 2

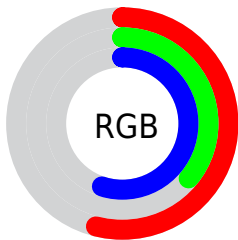
Format	Color
R_{YB}	138, 93, 140
Decimal	9067916
CIE _{Lab}	45.81, 26.59, -18.65
CIE _{LCh}	46, 32.475, 324.960
Yxy	15.1254, 0.3137, 0.2481
Android (android.graphics.Color)	4287257996 (0xFF8A5D8C)
YUV	111.8130, 13.8962, 22.9660
Hunter-Lab	38.8914, 19.7168, -13.5028

Details

The Yxy color **15.1254, 0.3137, 0.2481** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9756, 0.3103, 0.4242**, and the grayscale version is **16.1018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0480, 0.3137, 0.2653**, and **4.7184, 0.3112, 0.2174** is the 20% darker color. If you saturate the color by 10%, you get **12.8381, 0.3137, 0.2249**, and if you desaturate by 10%, it is **17.8642, 0.3135, 0.2723**.

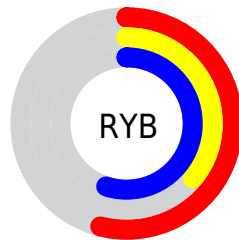
Distribution



Red (54%)

Green (36%)

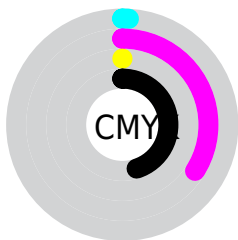
Blue (55%)



Red (54%)

Yellow (36%)

Blue (55%)

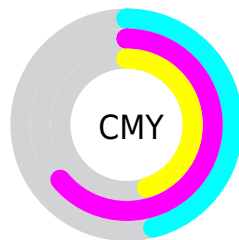


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (45%)



Cyan (46%)


Magenta (64%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.1254, 0.3137, 0.2481 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 15.1254, 0.3137, 0.2481 by changing the saturation by 10% instead.


 15.1254, 0.3137,
0.2481


 15.1254, 0.3137,
0.2481


224.1240, 0.3141,
0.2933


 8.9074, 0.3131,
0.2350


 35.0730, 0.3142,
0.2658


 4.6809, 0.3117,
0.2170


 49.5715, 0.3143,
0.2720

 2.0613, 0.3089,
0.1909

 67.5989, 0.3143,
0.2772

 0.6427, 0.3032,
0.1462

 89.5396, 0.3143,
0.2815

 0.0000, 0.2065,
0.0000

115.7781, 0.3143,
0.2851

 0.0000, 0.0000,
0.0000

146.6987, 0.3142,

0.2882

182.6859, 0.3142,
0.2909

■ 15.1254, 0.3137,
0.2481

■ 15.1254, 0.3137,
0.2481

■ 12.8381, 0.3137,
0.2249

■ 17.8642, 0.3135,
0.2723

■ 10.9757, 0.3136,
0.2036

■ 21.0751, 0.3132,
0.2967

■ 9.5120, 0.3132,
0.1850


■ 24.7800, 0.3129,
0.3207

■ 8.4169, 0.3127,
0.1700


■ 28.9989, 0.3124,
0.3437

■ 7.6563, 0.3120,
0.1589

■ 33.7505, 0.3119,
0.3654


 7.1889, 0.3111,
0.1519

 39.0526, 0.3114,
0.3856

 6.9611, 0.3105,
0.1484

 44.9223, 0.3109,
0.4043

 51.3758, 0.3104,
0.4213

 58.4288, 0.3099,
0.4368

Harmonies

Analogous

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



15.1254, 0.2529, 0.2289



15.1254, 0.3137, 0.2481



15.1254, 0.3809, 0.2842

Triad

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



15.1254, 0.3137, 0.2481



15.1254, 0.4177, 0.4257



15.1254, 0.2068, 0.3092

Complementary

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



15.1254, 0.3137, 0.2481



21.9756, 0.3103, 0.4242

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.



15.1254, 0.2434, 0.3776



15.1254, 0.3137, 0.2481



15.1254, 0.3648, 0.4497

Square

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



15.1254, 0.3137, 0.2481



15.1254, 0.4436, 0.3810



15.1254, 0.3008, 0.4339



15.1254, 0.1966, 0.2572

Rectangle

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



15.1254, 0.3137, 0.2481



15.1254, 0.4176, 0.3146



15.1254, 0.3008, 0.4339



15.1254, 0.2162, 0.3312

Sweetspot

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



15.1261, 0.3137, 0.2481



39.2496, 0.3131, 0.3048



12.4719, 0.2555, 0.2382



8.8629, 0.3132, 0.3018



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



15.1261, 0.3137, 0.2481



23.6564, 0.3137, 0.2310



14.7342, 0.3466, 0.2829



5.1183, 0.3131, 0.3074



6.1893, 0.3105, 0.1484



0.0427, 0.3161, 0.1515

Inverse Universe

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



14.2326, 0.3841, 0.3255



21.8520, 0.4073, 0.3248



22.2971, 0.2890, 0.3804



5.0518, 0.3274, 0.3281



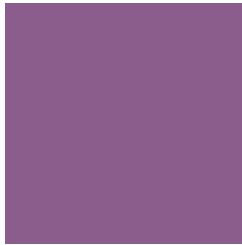
4.9665, 0.6334, 0.3263



0.0334, 0.6039, 0.3100

Previews

White Background



This preview shows how the Yxy color 15.1254, 0.3137, 0.2481 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 15.1254, 0.3137, 0.2481 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 15.1254, 0.3137, 0.2481

Background



This preview shows how black text looks on a background with the Yxy color 15.1254, 0.3137, 0.2481.



This preview shows how white text looks on a background with the Yxy color 15.1254, 0.3137, 0.2481.

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

15.1254, 0.3137, 0.2481

Protanopia

15.2366, 0.2515, 0.2446

Deuteranopia

15.2646, 0.2738, 0.2700



Tritanopia

15.2442, 0.3533, 0.3160

Trichromacy



Original Color

15.1254, 0.3137, 0.2481

Protanomaly

14.9888, 0.2709, 0.2450

Deuteranomaly

15.0507, 0.2868, 0.2610

Tritanomaly

15.0322, 0.3380, 0.2888

Monochromacy



Original Color

15.1254, 0.3137, 0.2481

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.5732, 0.3129, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1254, 0.3137, 0.2481 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(138, 93, 140)` looks like.

```
.text, #text, p{  
    color:rgb(138, 93, 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(138, 93, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 93, 140) }
```

Border

The CSS property to change the border of an element to Yxy 15.1254, 0.3137, 0.2481 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(138, 93, 140) }
```

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

```
.border{ border-color:rgb(138, 93, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 93, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 93, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 93, 140);  
box-shadow:4px 4px 4px 4px rgb(138, 93,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1254, 0.3137, 0.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 93, 140) }
```

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

```
.background{ background-color: rgb(138, 93,  
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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