

Converting Colors

$Y_{xy}(15.6378, 0.3878, 0.3437)$

Have a look what the booklet for
Yxy(15.6378, 0.3878, 0.3437)
contains.

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Color

Yxy(15.6378, 0.3878, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	8E645C
RGB	142, 100, 92
RGB Percent	56%, 39%, 36%
CMY	0.4431, 0.6078, 0.6392
CMYK	0.00, 0.30, 0.35, 0.44
HSL	10°, 21%, 46%
HSV	10°, 35%, 56%
XYZ	17.6443, 15.6378, 12.2163
YIQ	111.6460, 27.6000, 6.4160

Conversions

Conversions Part 2

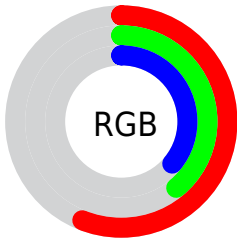
Format	Color
R_{YB}	142, 102, 92
Decimal	9331804
CIE _{Lab}	46.50, 15.85, 11.29
CIE _{LCh}	46, 19.459, 35.460
Yxy	15.6378, 0.3878, 0.3437
Android (android.graphics.Color)	4287521884 (0xFF8E645C)
YUV	111.6460, -9.6855, 26.6205
Hunter-Lab	39.5447, 10.4411, 9.3651

Details

The Yxy color **15.6378, 0.3878, 0.3437** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2806, 0.2626, 0.3136**, and the grayscale version is **16.1175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9565, 0.3698, 0.3411**, and **4.9171, 0.4238, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **13.2896, 0.4193, 0.3479**, and if you desaturate by 10%, it is **18.3692, 0.3612, 0.3393**.

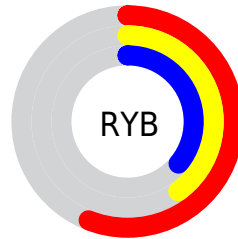
Distribution



Red (56%)

Green (39%)

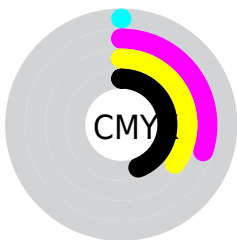
Blue (36%)



Red (56%)

Yellow (40%)

Blue (36%)

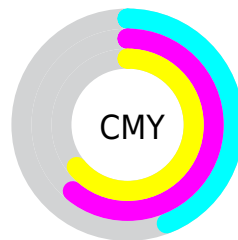


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (44%)



Cyan (44%)


Magenta (61%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6378, 0.3878, 0.3437 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 15.6378, 0.3878, 0.3437 by changing the saturation by 10% instead.


 15.6378, 0.3878,
0.3437


 15.6378, 0.3878,
0.3437


227.1949, 0.3431,
0.3361


 9.2682, 0.4023,
0.3455


 35.9683, 0.3694,
0.3410


 4.9165, 0.4236,
0.3474

 50.6979, 0.3632,
0.3399

 2.1984, 0.4575,
0.3490

 68.9831, 0.3582,
0.3390

 0.7191, 0.6029,
0.3971

 91.2081, 0.3541,
0.3383

 0.0000, 1.0000,
0.0000

117.7574, 0.3507,
0.3376

 0.0000, 0.0000,
0.0000

149.0154, 0.3478,

0.3370

185.3664, 0.3453,
0.3365

■ 15.6378, 0.3878,
0.3437

■ 15.6378, 0.3878,
0.3437

■ 13.2896, 0.4193,
0.3479

■ 18.3692, 0.3612,
0.3393

■ 11.3052, 0.4558,
0.3514

■ 21.4976, 0.3392,
0.3351

■ 9.6669, 0.4962,
0.3537


■ 25.0388, 0.3209,
0.3310


■ 8.3547, 0.5381,
0.3539


■ 29.0071, 0.3058,
0.3272

■ 7.3465, 0.5771,
0.3515


■ 33.4161, 0.2934,
0.3238


 6.6164, 0.6084,
0.3465

 38.2790, 0.2830,
0.3207

 6.3516, 0.6216,
0.3446

 43.6081, 0.2743,
0.3178

 49.4154, 0.2671,
0.3152

 55.7125, 0.2609,
0.3129

Harmonies

Analogous

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



15.6378, 0.3653, 0.3121



15.6378, 0.3878, 0.3437



15.6378, 0.3884, 0.3740

Triad

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



15.6378, 0.3878, 0.3437



15.6378, 0.2940, 0.3792



15.6378, 0.2582, 0.2661

Complementary

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



15.6378, 0.3878, 0.3437



21.2806, 0.2626, 0.3136

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.



15.6378, 0.2419, 0.2789



15.6378, 0.3878, 0.3437



15.6378, 0.2615, 0.3441

Square

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



15.6378, 0.3878, 0.3437



15.6378, 0.3328, 0.3982



15.6378, 0.2430, 0.3067



15.6378, 0.2891, 0.2689

Rectangle

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



15.6378, 0.3878, 0.3437



15.6378, 0.3766, 0.3895



15.6378, 0.2430, 0.3067



15.6378, 0.2509, 0.2686

Sweetspot

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



15.6385, 0.3878, 0.3437



40.3030, 0.3315, 0.3334



15.1422, 0.3269, 0.2562



8.8428, 0.3337, 0.3339



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.



15.6385, 0.3878, 0.3437



24.3418, 0.4115, 0.3469



21.0650, 0.3732, 0.3862



5.5548, 0.3278, 0.3326



5.7223, 0.6210, 0.3451



0.0759, 0.5624, 0.3916

Inverse Universe

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



21.2806, 0.2626, 0.3136



35.7666, 0.2531, 0.3097



15.2746, 0.2562, 0.2640



5.9715, 0.2990, 0.3254



13.6851, 0.2108, 0.2787



0.1563, 0.2181, 0.3053

Previews

White Background



This preview shows how the Yxy color 15.6378, 0.3878, 0.3437 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 15.6378, 0.3878, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

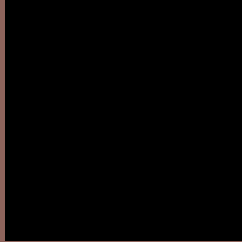
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6378, 0.3878, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 15.6378, 0.3878, 0.3437.

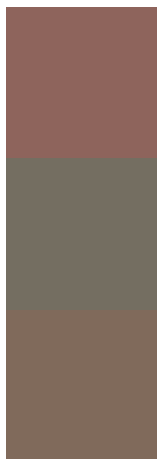


This preview shows how white text looks on a background with the Yxy color 15.6378, 0.3878, 0.3437.

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

15.6378, 0.3878, 0.3437

Protanopia

15.7279, 0.3378, 0.3557

Deuteranopia

15.6526, 0.3651, 0.3584



Tritanopia

15.5949, 0.3704, 0.3166

Trichromacy



Original Color

15.6378, 0.3878, 0.3437

Protanomaly

15.4943, 0.3550, 0.3508

Deuteranomaly

15.6425, 0.3736, 0.3539

Tritanomaly

15.6834, 0.3776, 0.3274

Monochromacy



Original Color

15.6378, 0.3878, 0.3437

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.9560, 0.3376, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6378, 0.3878, 0.3437 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(142, 100, 92)` looks like.

```
.text, #text, p{  
    color:rgb(142, 100, 92)  
}
```

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(142, 100, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 100, 92) }
```

Border

The CSS property to change the border of an element to Yxy 15.6378, 0.3878, 0.3437 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(142, 100, 92) }
```

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

```
.border{ border-color:rgb(142, 100, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 100, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 100, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 100, 92);  
box-shadow:4px 4px 4px 4px rgb(142, 100,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6378, 0.3878, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 100, 92) }
```

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

```
.background{ background-color: rgb(142,  
100, 92) }
```

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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