

Converting Colors

$Y_{xy}(11.6419, 0.4912, 0.3418)$

Have a look what the booklet for
Yxy(11.6419, 0.4912, 0.3418)
contains.

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Color

Yxy(11.6286, 0.4930, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	9D443C
RGB	157, 68, 60
RGB Percent	62%, 27%, 24%
CMY	0.3843, 0.7333, 0.7647
CMYK	0.00, 0.57, 0.62, 0.38
HSL	5°, 45%, 43%
HSV	5°, 62%, 62%
XYZ	16.7874, 11.6286, 5.6355
YIQ	93.6990, 55.6120, 16.3800

Conversions

Conversions Part 2

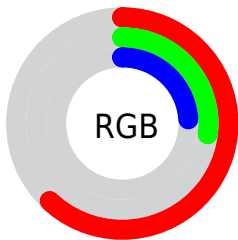
Format	Color
R_{YB}	157, 69, 60
Decimal	10306620
CIE Lab	40.62, 36.48, 23.09
CIE LCh	41, 43.174, 32.325
Yxy	11.6286, 0.4930, 0.3415
Android (android.graphics.Color)	4288496700 (0xFF9D443C)
YUV	93.6990, -16.6136, 55.5150
Hunter-Lab	34.1007, 28.1973, 14.0722

Details

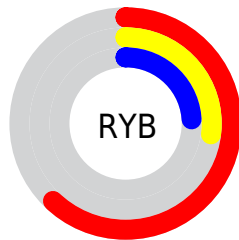
The Yxy color **11.6286, 0.4930, 0.3415** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24.8901, 0.2358, 0.3139**, and the grayscale version is **11.1495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8541, 0.4477, 0.3438**, and **3.1236, 0.5808, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **9.9535, 0.5378, 0.3417**, and if you desaturate by 10%, it is **13.7824, 0.4504, 0.3402**.

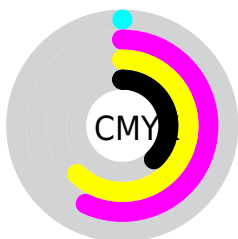
Distribution



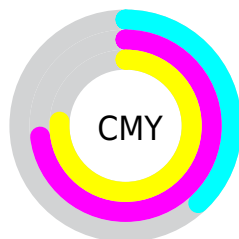
- Red (62%)
- Green (27%)
- Blue (24%)



- Red (62%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (57%)
- Yellow (62%)
- Black (38%)





- Cyan (38%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6286, 0.4930, 0.3415 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 11.6286, 0.4930, 0.3415 by changing the saturation by 10% instead.


 11.6286, 0.4930,
0.3415

 11.6286, 0.4930,
0.3415


201.9308, 0.3824,
0.3399

 6.4913, 0.5293,
0.3376


 28.8168, 0.4467,
0.3432


 3.1461, 0.5814,
0.3278

 41.6366, 0.4313,
0.3430


 1.2085, 0.6851,
0.3149

 57.7860, 0.4189,
0.3426

 0.0686, 0.9334,
0.0666

 77.6493, 0.4089,
0.3421

 0.0000, 0.0000,
0.0000

 101.6111, 0.4005,
0.3415

 130.0557, 0.3935,

0.3410

163.3674, 0.3875,
0.3404

■ 11.6286, 0.4930,
0.3415

■ 11.6286, 0.4930,
0.3415

■ 9.9535, 0.5378,
0.3417

■ 13.7824, 0.4504,
0.3402

■ 8.7187, 0.5800,
0.3405

■ 16.4458, 0.4128,
0.3382

■ 7.8831, 0.6133,
0.3376

■ 19.6489, 0.3809,
0.3360

■ 7.4545, 0.6328,
0.3358

■ 23.4195, 0.3545,
0.3337

■ 27.7830, 0.3330,
0.3314

■ 32.7635, 0.3155,
0.3294

■ 38.3837, 0.3012,
0.3274

■ 44.6652, 0.2896,
0.3257

■ 51.6286, 0.2800,
0.3241

Harmonies

Analogous

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



11.6286, 0.4326, 0.2793



11.6286, 0.4930, 0.3415



11.6286, 0.4917, 0.4082

Triad

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



11.6286, 0.4930, 0.3415



11.6286, 0.2694, 0.4725



11.6286, 0.1855, 0.1910

Complementary

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



11.6286, 0.4930, 0.3415



24.8901, 0.2358, 0.3139

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.



11.6286, 0.1574, 0.2141



11.6286, 0.4930, 0.3415



11.6286, 0.1980, 0.3733

Square

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



11.6286, 0.4930, 0.3415



11.6286, 0.3576, 0.5069



11.6286, 0.1605, 0.2745



11.6286, 0.2459, 0.1973

Rectangle

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



11.6286, 0.4930, 0.3415



11.6286, 0.4608, 0.4520



11.6286, 0.1605, 0.2745



11.6286, 0.1726, 0.1951

Sweetspot

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



11.6292, 0.4930, 0.3415



43.7295, 0.3489, 0.3331



12.6196, 0.3287, 0.1969



9.1897, 0.3551, 0.3337



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.6292, 0.4930, 0.3415



16.9318, 0.5538, 0.3414



19.7487, 0.4381, 0.4150



6.7297, 0.3282, 0.3309



6.0794, 0.6320, 0.3364



0.1315, 0.5971, 0.3641

Inverse Universe

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



24.8901, 0.2358, 0.3139



42.6197, 0.2264, 0.3101



12.9051, 0.2141, 0.2175



7.4158, 0.2988, 0.3271



18.2160, 0.2177, 0.3035



0.3505, 0.2207, 0.3145

Previews

White Background



This preview shows how the Yxy color 11.6286, 0.4930, 0.3415 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 11.6286, 0.4930, 0.3415 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 11.6286, 0.4930, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 11.6286, 0.4930, 0.3415.



This preview shows how white text looks on a background with the Yxy color 11.6286, 0.4930, 0.3415.

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

11.6286, 0.4930, 0.3415

Protanopia

11.7042, 0.3606, 0.3867

Deuteranopia

11.7217, 0.4099, 0.4045



Tritanopia

11.6205, 0.4760, 0.3219

Trichromacy



Original Color

11.6286, 0.4930, 0.3415

Protanomaly

11.2718, 0.4087, 0.3683

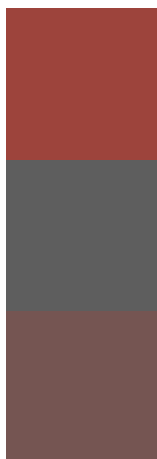
Deuteranomaly

11.3875, 0.4434, 0.3783

Tritanomaly

11.6887, 0.4826, 0.3295

Monochromacy



Original Color

11.6286, 0.4930, 0.3415

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.8881, 0.3732, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6286, 0.4930, 0.3415 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(157, 68, 60)` looks like.

```
.text, #text, p{  
    color:rgb(157, 68, 60)  
}
```

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(157, 68, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 68, 60) }
```

Border

The CSS property to change the border of an element to Yxy 11.6286, 0.4930, 0.3415 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(157, 68, 60) }
```

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

```
.border{ border-color:rgb(157, 68, 60) }
```

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

Here you see how a box with a 4 pixel rgb(157, 68, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 68, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 68, 60);  
box-shadow:4px 4px 4px 4px rgb(157, 68,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6286, 0.4930, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 68, 60) }
```

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

```
.background{ background-color: rgb(157, 68,  
60) }
```

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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