

Converting Colors

$Y_{xy}(11.6230, 0.3902, 0.3015)$

Have a look what the booklet for
Yxy(11.6230, 0.3902, 0.3015)
contains.

Yxy(11.7006, 0.3908, 0.3031)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.7006, 0.3908, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	894F5D
RGB	137, 79, 93
RGB Percent	54%, 31%, 36%
CMY	0.4628, 0.6901, 0.6353
CMYK	0.00, 0.42, 0.32, 0.46
HSL	346°, 27%, 42%
HSV	346°, 42%, 54%
XYZ	15.0861, 11.7006, 11.8164
YIQ	97.9380, 30.0740, 16.6500

Conversions

Conversions Part 2

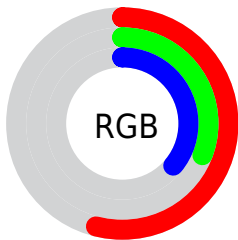
Format	Color
R_{YB}	137, 79, 93
Decimal	8998749
CIE Lab	40.74, 26.16, 2.42
CIE LCh	41, 26.277, 5.292
Yxy	11.7006, 0.3908, 0.3031
Android (android.graphics.Color)	4287188829 (0xFF894F5D)
YUV	97.9380, -2.4344, 34.2574
Hunter-Lab	34.2061, 18.8639, 3.4627

Details

The Yxy color **11.7006, 0.3908, 0.3031** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9804, 0.2683, 0.3575**, and the grayscale version is **12.1988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8902, 0.3708, 0.3101**, and **3.1696, 0.4344, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **9.7523, 0.4200, 0.2975**, and if you desaturate by 10%, it is **14.0824, 0.3662, 0.3093**.

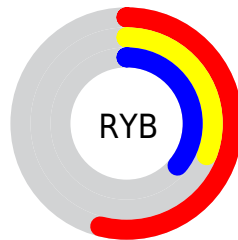
Distribution



Red (54%)

Green (31%)

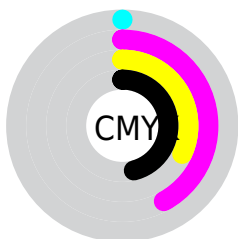
Blue (36%)



Red (54%)

Yellow (31%)

Blue (36%)

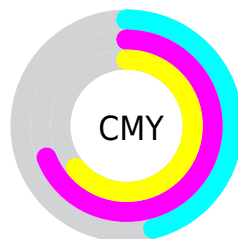


Cyan (0%)

Magenta (42%)

Yellow (32%)

Black (46%)



Cyan (46%)

Magenta (69%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7006, 0.3908, 0.3031 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 11.7006, 0.3908, 0.3031 by changing the saturation by 10% instead.


 11.7006, 0.3908,
0.3031


 11.7006, 0.3908,
0.3031


202.4130, 0.3428,
0.3194

 6.5402, 0.4075,
0.2972


 28.9486, 0.3704,
0.3101


 3.1762, 0.4331,
0.2880

 41.8050, 0.3637,
0.3124


 1.2244, 0.4769,
0.2716

 57.9954, 0.3584,
0.3142

 0.0815, 0.8978,
0.1022

 77.9044, 0.3541,
0.3156

 0.0000, 0.0000,
0.0000

 101.9162, 0.3506,
0.3168

130.4153, 0.3476,

0.3178

163.7861, 0.3450,
0.3186

■ 11.7006, 0.3908,
0.3031

■ 11.7006, 0.3908,
0.3031

■ 9.7523, 0.4200,
0.2975

■ 14.0824, 0.3662,
0.3093

■ 8.2095, 0.4538,
0.2933

■ 16.9200, 0.3458,
0.3157

■ 7.0437, 0.4909,
0.2914


■ 20.2361, 0.3291,
0.3219


■ 6.2221, 0.5292,
0.2927


■ 24.0515, 0.3155,
0.3277

■ 5.7058, 0.5651,
0.2977

■ 28.3858, 0.3044,
0.3331

 5.4271, 0.5900,
0.3024

 33.2575, 0.2953,
0.3381

 38.6840, 0.2878,
0.3427

 44.6823, 0.2816,
0.3468

 51.2683, 0.2765,
0.3506

Harmonies

Analogous

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



11.7006, 0.3347, 0.2663



11.7006, 0.3908, 0.3031



11.7006, 0.4247, 0.3473

Triad

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



11.7006, 0.3908, 0.3031



11.7006, 0.3406, 0.4343



11.7006, 0.2110, 0.2548

Complementary

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



11.7006, 0.3908, 0.3031



20.9804, 0.2683, 0.3575

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.



11.7006, 0.2122, 0.2941



11.7006, 0.3908, 0.3031



11.7006, 0.2839, 0.4065

Square

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



11.7006, 0.3908, 0.3031



11.7006, 0.3925, 0.4254



11.7006, 0.2376, 0.3510



11.7006, 0.2333, 0.2383

Rectangle

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



11.7006, 0.3908, 0.3031



11.7006, 0.4285, 0.3772



11.7006, 0.2376, 0.3510



11.7006, 0.2087, 0.2654

Sweetspot

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



11.7012, 0.3908, 0.3031



35.6345, 0.3306, 0.3213



11.5733, 0.2959, 0.2223



7.7203, 0.3337, 0.3201



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.7012, 0.3908, 0.3031



17.5291, 0.4194, 0.2976



13.7998, 0.4051, 0.3564



5.0671, 0.3245, 0.3237



5.0581, 0.5893, 0.3020



0.0356, 0.4879, 0.2462

Inverse Universe

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



11.7012, 0.3908, 0.3031



17.5291, 0.4194, 0.2976



17.5089, 0.2522, 0.2991



5.0671, 0.3245, 0.3237



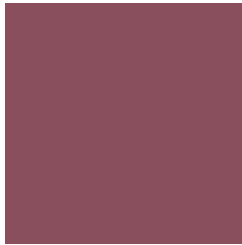
5.0581, 0.5893, 0.3020



0.0356, 0.4879, 0.2462

Previews

White Background



This preview shows how the Yxy color 11.7006, 0.3908, 0.3031 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 11.7006, 0.3908, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

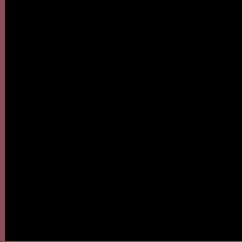
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7006, 0.3908, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 11.7006, 0.3908, 0.3031.



This preview shows how white text looks on a background with the Yxy color 11.7006, 0.3908, 0.3031.

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

11.7006, 0.3908, 0.3031

Protanopia

11.8318, 0.3031, 0.3130

Deuteranopia

11.7722, 0.3396, 0.3335



Tritanopia

11.6434, 0.4014, 0.3179

Trichromacy



Original Color

11.7006, 0.3908, 0.3031

Protanomaly

11.5927, 0.3329, 0.3096

Deuteranomaly

11.6741, 0.3580, 0.3208

Tritanomaly

11.6928, 0.3959, 0.3123

Monochromacy



Original Color

11.7006, 0.3908, 0.3031

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.7714, 0.3389, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7006, 0.3908, 0.3031 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, 79, 93)` looks like.

```
.text, #text, p{  
    color:rgb(137, 79, 93)  
}
```

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, 79, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 79, 93) }
```

Border

The CSS property to change the border of an element to Yxy 11.7006, 0.3908, 0.3031 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, 79, 93) }
```

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

```
.border{ border-color:rgb(137, 79, 93) }
```

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

Here you see how a box with a 4 pixel rgb(137, 79, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 79, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 79, 93);  
box-shadow:4px 4px 4px 4px rgb(137, 79,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7006, 0.3908, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 79, 93) }
```

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

```
.background{ background-color: rgb(137, 79,  
93) }
```

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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