

Converting Colors

$Y_{xy}(11.1814, 0.3993, 0.3148)$

Have a look what the booklet for
Yxy(11.1814, 0.3993, 0.3148)
contains.

Yxy(11.1890, 0.3994, 0.3140)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.1890, 0.3994, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	864E56
RGB	134, 78, 86
RGB Percent	53%, 31%, 34%
CMY	0.4746, 0.6940, 0.6628
CMYK	0.00, 0.42, 0.36, 0.47
HSL	351°, 26%, 42%
HSV	351°, 42%, 53%
XYZ	14.2321, 11.1890, 10.2126
YIQ	95.6560, 30.8080, 14.3600

Conversions

Conversions Part 2

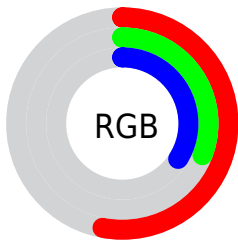
Format	Color
R_{YB}	134, 78, 86
Decimal	8801878
CIE _{Lab}	39.90, 24.57, 5.50
CIE _{LCh}	40, 25.183, 12.624
Yxy	11.1890, 0.3994, 0.3140
Android (android.graphics.Color)	4286991958 (0xFF864E56)
YUV	95.6560, -4.7604, 33.6277
Hunter-Lab	33.4500, 17.4099, 5.3131

Details

The Yxy color **11.1890, 0.3994, 0.3140** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1693, 0.2641, 0.3453**, and the grayscale version is **11.6164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0347, 0.3761, 0.3181**, and **2.9870, 0.4474, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **9.3048, 0.4326, 0.3108**, and if you desaturate by 10%, it is **13.4919, 0.3716, 0.3176**.

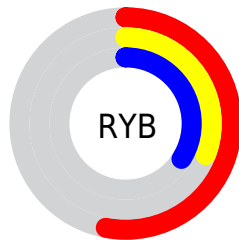
Distribution



Red (53%)

Green (31%)

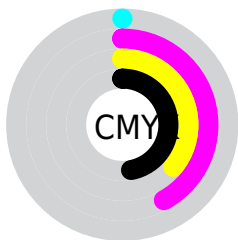
Blue (34%)



Red (53%)

Yellow (31%)

Blue (34%)

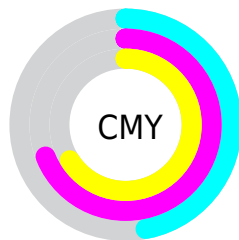


Cyan (0%)

Magenta (42%)

Yellow (36%)

Black (47%)



Cyan (47%)


Magenta (69%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1890, 0.3994, 0.3140 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 11.1890, 0.3994, 0.3140 by changing the saturation by 10% instead.


 11.1890, 0.3994,
0.3140


 11.1890, 0.3994,
0.3140


198.9597, 0.3456,
0.3241


 6.1941, 0.4184,
0.3098

 28.0091, 0.3764,
0.3186


 2.9635, 0.4479,
0.3028

 40.6032, 0.3689,
0.3201


 1.1127, 0.5000,
0.2896

 56.4990, 0.3630,
0.3211

 0.0000, 1.0000,
0.0000

 76.0811, 0.3582,
0.3220

 0.0000, 0.0000,
0.0000

 99.7338, 0.3542,
0.3227

127.8416, 0.3509,

0.3232

160.7887, 0.3481,
0.3237

■ 11.1890, 0.3994,
0.3140

■ 11.1890, 0.3994,
0.3140

■ 9.3048, 0.4326,
0.3108

■ 13.4919, 0.3716,
0.3176

■ 7.8126, 0.4708,
0.3086

■ 16.2350, 0.3488,
0.3214

■ 6.6851, 0.5125,
0.3080


■ 19.4402, 0.3302,
0.3250


■ 5.8907, 0.5542,
0.3096


■ 23.1273, 0.3151,
0.3284

■ 5.3927, 0.5911,
0.3136

■ 27.3152, 0.3028,
0.3316

 5.1134, 0.6161,
0.3168

 32.0216, 0.2928,
0.3345

 37.2636, 0.2846,
0.3371

 43.0571, 0.2779,
0.3395

 49.4177, 0.2723,
0.3417

Harmonies

Analogous

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



11.1890, 0.3484, 0.2756



11.1890, 0.3994, 0.3140



11.1890, 0.4248, 0.3579

Triad

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



11.1890, 0.3994, 0.3140



11.1890, 0.3264, 0.4280



11.1890, 0.2167, 0.2508

Complementary

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



11.1890, 0.3994, 0.3140



20.1693, 0.2641, 0.3453

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.



11.1890, 0.2122, 0.2839



11.1890, 0.3994, 0.3140



11.1890, 0.2723, 0.3927

Square

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



11.1890, 0.3994, 0.3140



11.1890, 0.3795, 0.4279



11.1890, 0.2314, 0.3362



11.1890, 0.2440, 0.2398

Rectangle

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



11.1890, 0.3994, 0.3140



11.1890, 0.4229, 0.3865



11.1890, 0.2314, 0.3362



11.1890, 0.2126, 0.2593

Sweetspot

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



11.1895, 0.3994, 0.3140



33.3529, 0.3327, 0.3245



11.5759, 0.3047, 0.2265



7.2597, 0.3361, 0.3238



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



11.1895, 0.3994, 0.3140



16.5998, 0.4302, 0.3110



14.2777, 0.3987, 0.3665



4.6987, 0.3259, 0.3259



4.7952, 0.6156, 0.3165



0.0173, 0.5371, 0.2732

Inverse Universe

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



11.1895, 0.3994, 0.3140



16.5998, 0.4302, 0.3110



15.4636, 0.2511, 0.2875



4.6987, 0.3259, 0.3259



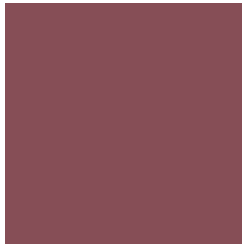
4.7952, 0.6156, 0.3165



0.0173, 0.5371, 0.2732

Previews

White Background



This preview shows how the Yxy color 11.1890, 0.3994, 0.3140 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 11.1890, 0.3994, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

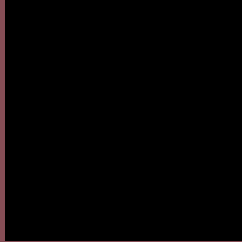
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1890, 0.3994, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 11.1890, 0.3994, 0.3140.



This preview shows how white text looks on a background with the Yxy color 11.1890, 0.3994, 0.3140.

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

11.1890, 0.3994, 0.3140

Protanopia

11.3184, 0.3144, 0.3267

Deuteranopia

11.2481, 0.3497, 0.3449



Tritanopia

11.1572, 0.4032, 0.3178

Trichromacy



Original Color

11.1890, 0.3994, 0.3140

Protanomaly

11.0672, 0.3430, 0.3203

Deuteranomaly

11.0934, 0.3674, 0.3313

Tritanomaly

11.1730, 0.4013, 0.3159

Monochromacy



Original Color

11.1890, 0.3994, 0.3140

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.2325, 0.3426, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1890, 0.3994, 0.3140 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(134, 78, 86)` looks like.

```
.text, #text, p{  
    color:rgb(134, 78, 86)  
}
```

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(134, 78, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 78, 86) }
```

Border

The CSS property to change the border of an element to Yxy 11.1890, 0.3994, 0.3140 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(134, 78, 86) }
```

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

```
.border{ border-color:rgb(134, 78, 86) }
```

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

Here you see how a box with a 4 pixel rgb(134, 78, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 78, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 78, 86);  
box-shadow:4px 4px 4px 4px rgb(134, 78,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1890, 0.3994, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 78, 86) }
```

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

```
.background{ background-color: rgb(134, 78,  
86) }
```

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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