

Converting Colors

$Y_{xy}(13.8151, 0.4398, 0.3787)$

Have a look what the booklet for
Yxy(13.8151, 0.4398, 0.3787)
contains.

Yxy(13.8641, 0.4391, 0.3786)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.8641, 0.4391, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	8F5C40
RGB	143, 92, 64
RGB Percent	56%, 36%, 25%
CMY	0.4392, 0.6392, 0.7491
CMYK	0.00, 0.36, 0.55, 0.44
HSL	21°, 38%, 41%
HSV	21°, 55%, 56%
XYZ	16.0796, 13.8641, 6.6757
YIQ	104.0570, 39.3840, 2.1040

Conversions

Conversions Part 2

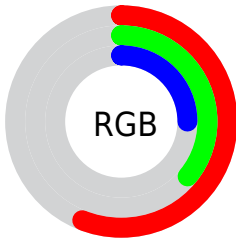
Format	Color
RYB	143, 107, 64
Decimal	9395264
CIELab	44.04, 17.75, 24.65
CIELCh	44, 30.376, 54.239
Yxy	13.8641, 0.4391, 0.3786
Android (android.graphics.Color)	4287585344 (0xFF8F5C40)
YUV	104.0570, -19.7481, 34.1530
Hunter-Lab	37.2345, 11.9240, 15.4342

Details

The Yxy color **13.8641, 0.4391, 0.3786** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.3272, 0.2325, 0.2700**, and the grayscale version is **13.9054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9569, 0.4077, 0.3702**, and **4.1283, 0.4958, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **12.2197, 0.4717, 0.3850**, and if you desaturate by 10%, it is **15.7464, 0.4090, 0.3703**.

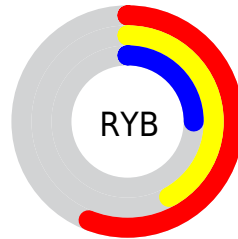
Distribution



Red (56%)

Green (36%)

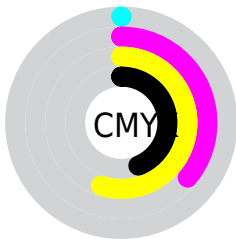
Blue (25%)



Red (56%)

Yellow (42%)

Blue (25%)

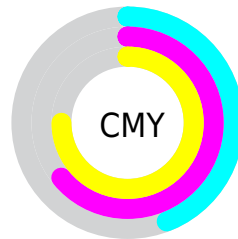


Cyan (0%)

Magenta (36%)

Yellow (55%)

Black (44%)



Cyan (44%)

Magenta (64%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8641, 0.4391, 0.3786 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 13.8641, 0.4391, 0.3786 by changing the saturation by 10% instead.


 13.8641, 0.4391,
0.3786


 13.8641, 0.4391,
0.3786


216.3837, 0.3634,
0.3525


 8.0262, 0.4631,
0.3843


 32.8477, 0.4080,
0.3692


 4.1117, 0.4972,
0.3900

 46.7622, 0.3974,
0.3656


 1.7363, 0.5829,
0.4171

 64.1377, 0.3889,
0.3625

 0.4470, 0.6576,
0.3424

 85.3585, 0.3820,
0.3599

 0.0000, 0.0000,
0.0000

 110.8092, 0.3761,
0.3577

 140.8740, 0.3712,

0.3557

175.9374, 0.3670,
0.3540

■ 13.8641, 0.4391,
0.3786

■ 13.8641, 0.4391,
0.3786

■ 12.2197, 0.4717,
0.3850

■ 15.7464, 0.4090,
0.3703

■ 10.8009, 0.5052,
0.3882

■ 17.8742, 0.3821,
0.3611

■ 9.5972, 0.5374,
0.3874

■ 20.2569, 0.3585,
0.3516

■ 8.5958, 0.5657,
0.3818

■ 22.9031, 0.3382,
0.3423

■ 8.1828, 0.5786,
0.3788

■ 25.8210, 0.3208,
0.3334

■ 29.0180, 0.3060,
0.3251

■ 32.5018, 0.2933,
0.3175

■ 36.2793, 0.2824,
0.3104

■ 40.3574, 0.2731,
0.3040

Harmonies

Analogous

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



13.8641, 0.4255, 0.3300



13.8641, 0.4391, 0.3786



13.8641, 0.4152, 0.4218

Triad

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



13.8641, 0.4391, 0.3786



13.8641, 0.2471, 0.3773



13.8641, 0.2538, 0.2319

Complementary

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



13.8641, 0.4391, 0.3786



15.3272, 0.2325, 0.2700

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.



13.8641, 0.2150, 0.2344



13.8641, 0.4391, 0.3786



13.8641, 0.2109, 0.3117

Square

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



13.8641, 0.4391, 0.3786



13.8641, 0.3030, 0.4305



13.8641, 0.2003, 0.2608



13.8641, 0.3122, 0.2500

Rectangle

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



13.8641, 0.4391, 0.3786



13.8641, 0.3836, 0.4406



13.8641, 0.2003, 0.2608



13.8641, 0.2384, 0.2303

Sweetspot

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



13.8648, 0.4391, 0.3786



39.9818, 0.3422, 0.3442



10.7496, 0.3652, 0.2412



8.9735, 0.3457, 0.3459



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



13.8648, 0.4391, 0.3786



21.3079, 0.4788, 0.3860



22.4811, 0.3999, 0.4410



5.7176, 0.3273, 0.3369



7.2721, 0.5777, 0.3795



0.1083, 0.5053, 0.4370

Inverse Universe

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



15.3272, 0.2325, 0.2700



24.1349, 0.2181, 0.2542



8.2181, 0.2147, 0.1829



5.7988, 0.2990, 0.3210



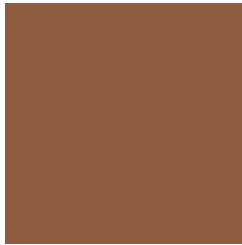
8.6045, 0.1922, 0.2117



0.1239, 0.2085, 0.2706

Previews

White Background



This preview shows how the Yxy color 13.8641, 0.4391, 0.3786 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 13.8641, 0.4391, 0.3786 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 13.8641, 0.4391, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 13.8641, 0.4391, 0.3786.



This preview shows how white text looks on a background with the Yxy color 13.8641, 0.4391, 0.3786.

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

13.8641, 0.4391, 0.3786

Protanopia

13.8410, 0.3742, 0.4035

Deuteranopia

13.9742, 0.4091, 0.4032



Tritanopia

13.8254, 0.3948, 0.3168

Trichromacy



Original Color

13.8641, 0.4391, 0.3786

Protanomaly

13.8047, 0.3974, 0.3952

Deuteranomaly

13.8948, 0.4200, 0.3932

Tritanomaly

13.7141, 0.4113, 0.3383

Monochromacy



Original Color

13.8641, 0.4391, 0.3786

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.6872, 0.3557, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8641, 0.4391, 0.3786 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(143, 92, 64)` looks like.

```
.text, #text, p{  
    color:rgb(143, 92, 64)  
}
```

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(143, 92, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 64) }
```

Border

The CSS property to change the border of an element to Yxy 13.8641, 0.4391, 0.3786 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(143, 92, 64) }
```

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

```
.border{ border-color:rgb(143, 92, 64) }
```

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

Here you see how a box with a 4 pixel rgb(143, 92, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 64);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8641, 0.4391, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 64) }
```

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

```
.background{ background-color: rgb(143, 92,  
64) }
```

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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