

Converting Colors

$Y_{xy}(18.0968, 0.3994, 0.3856)$

Have a look what the booklet for
Yxy(18.0968, 0.3994, 0.3856)
contains.

Yxy(18.0968, 0.3994, 0.3856)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.0968, 0.3994, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	907050
RGB	144, 112, 80
RGB Percent	56%, 44%, 31%
CMY	0.4353, 0.5608, 0.6864
CMYK	0.00, 0.22, 0.44, 0.44
HSL	30°, 29%, 44%
HSV	30°, 44%, 56%
XYZ	18.7445, 18.0968, 10.0903
YIQ	117.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

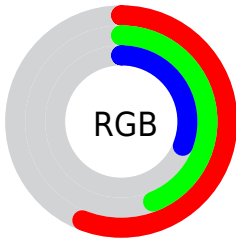
Format	Color
R_{YB}	144, 144, 80
Decimal	9465936
CIE _{Lab}	49.61, 8.22, 22.62
CIE _{LCh}	50, 24.068, 70.027
Yxy	18.0968, 0.3994, 0.3856
Android (android.graphics.Color)	4287656016 (0xFF907050)
YUV	117.9200, -18.6946, 22.8722
Hunter-Lab	42.5403, 4.2065, 15.7150

Details

The Yxy color **18.0968, 0.3994, 0.3856** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.3044, 0.2435, 0.2637**, and the grayscale version is **18.1432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3047, 0.3786, 0.3735**, and **6.0635, 0.4358, 0.4034** is the 20% darker color. If you saturate the color by 10%, you get **16.3814, 0.4247, 0.3975**, and if you desaturate by 10%, it is **19.9866, 0.3760, 0.3727**.

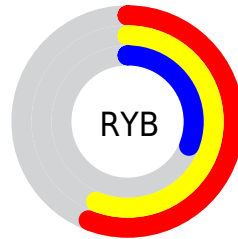
Distribution



Red (56%)

Green (44%)

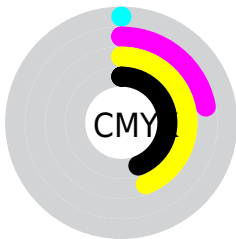
Blue (31%)



Red (56%)

Yellow (56%)

Blue (31%)

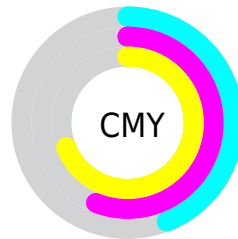


Cyan (0%)

Magenta (22%)

Yellow (44%)

Black (44%)



Cyan (44%)


Magenta (56%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0968, 0.3994, 0.3856 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 18.0968, 0.3994, 0.3856 by changing the saturation by 10% instead.


 18.0968, 0.3994,
0.3856


 18.0968, 0.3994,
0.3856


241.4161, 0.3494,
0.3544

 11.0195, 0.4145,
0.3941


 40.2022, 0.3794,
0.3736


 6.0800, 0.4354,
0.4051

 55.9991, 0.3724,
0.3693

 2.8938, 0.4666,
0.4198

 75.4713, 0.3668,
0.3657

 1.0765, 0.5411,
0.4589

 99.0033, 0.3621,
0.3627

 0.0000, 1.0000,
0.0000

 126.9793, 0.3582,
0.3602

 0.0000, 0.0000,
0.0000

159.7839, 0.3548,

0.3580

197.8013, 0.3519,
0.3561

■ 18.0968, 0.3994,
0.3856

■ 18.0968, 0.3994,
0.3856

■ 16.3814, 0.4247,
0.3975

■ 19.9866, 0.3760,
0.3727

■ 14.8320, 0.4513,
0.4073

■ 22.0537, 0.3548,
0.3596

■ 13.4430, 0.4780,
0.4139

■ 24.3043, 0.3360,
0.3466

■ 12.2074, 0.5034,
0.4163

■ 26.7433, 0.3194,
0.3343

■ 11.1173, 0.5258,
0.4136

■ 29.3755, 0.3049,
0.3227

■ 10.5674, 0.5378,
0.4112

■ 32.2055, 0.2922,
0.3119

■ 35.2378, 0.2811,
0.3019

■ 38.4764, 0.2714,
0.2927

■ 41.9256, 0.2629,
0.2843

Harmonies

Analogous

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



18.0968, 0.4032, 0.3510



18.0968, 0.3994, 0.3856



18.0968, 0.3715, 0.4087

Triad

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



18.0968, 0.3994, 0.3856



18.0968, 0.2482, 0.3395



18.0968, 0.2914, 0.2613

Complementary

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



18.0968, 0.3994, 0.3856



15.3044, 0.2435, 0.2637

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.



18.0968, 0.2534, 0.2551



18.0968, 0.3994, 0.3856



18.0968, 0.2300, 0.2962

Square

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



18.0968, 0.3994, 0.3856



18.0968, 0.2838, 0.3834



18.0968, 0.2319, 0.2666



18.0968, 0.3381, 0.2824

Rectangle

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



18.0968, 0.3994, 0.3856



18.0968, 0.3439, 0.4123



18.0968, 0.2319, 0.2666



18.0968, 0.2772, 0.2574

Sweetspot

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



18.0977, 0.3994, 0.3856



43.3572, 0.3339, 0.3451



12.8343, 0.3678, 0.2729



9.7510, 0.3375, 0.3477



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.



18.0977, 0.3994, 0.3856



28.9970, 0.4238, 0.3970



26.4588, 0.3766, 0.4347



5.8417, 0.3270, 0.3400



9.2479, 0.5370, 0.4118



0.1324, 0.4766, 0.4597

Inverse Universe

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



15.3044, 0.2435, 0.2637



23.4391, 0.2289, 0.2464



9.4528, 0.2321, 0.1958



5.6724, 0.2990, 0.3177



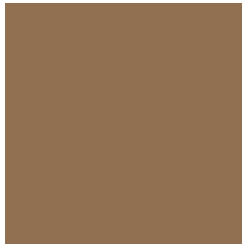
5.8350, 0.1783, 0.1620



0.0998, 0.1997, 0.2389

Previews

White Background



This preview shows how the Yxy color 18.0968, 0.3994, 0.3856 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 18.0968, 0.3994, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

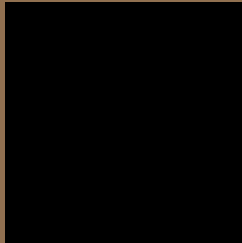
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0968, 0.3994, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 18.0968, 0.3994, 0.3856.



This preview shows how white text looks on a background with the Yxy color 18.0968, 0.3994, 0.3856.

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

18.0968, 0.3994, 0.3856

Protanopia

18.1706, 0.3690, 0.3958

Deuteranopia

18.1402, 0.3958, 0.3879



Tritanopia

17.9794, 0.3565, 0.3136

Trichromacy



Original Color

18.0968, 0.3994, 0.3856

Protanomaly

18.1683, 0.3799, 0.3921

Deuteranomaly

18.2291, 0.3972, 0.3876

Tritanomaly

18.0275, 0.3726, 0.3397

Monochromacy



Original Color

18.0968, 0.3994, 0.3856

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.0023, 0.3421, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0968, 0.3994, 0.3856 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(144, 112, 80)` looks like.

```
.text, #text, p{  
    color:rgb(144, 112, 80)  
}
```

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(144, 112, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 112, 80) }
```

Border

The CSS property to change the border of an element to Yxy 18.0968, 0.3994, 0.3856 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(144, 112, 80) }
```

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

```
.border{ border-color:rgb(144, 112, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 112, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 112, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 112, 80);  
box-shadow:4px 4px 4px 4px rgb(144, 112,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0968, 0.3994, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 112, 80) }
```

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

```
.background{ background-color: rgb(144,  
112, 80) }
```

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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