

Converting Colors

YUV(94.8850, -8.8173, 28.1649)

Have a look what the booklet for
YUV(94.8850, -8.8173, 28.1649)
contains.

YUV(94.8850, -8.8173, 28.1649)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(94.8850, -8.8173,
28.1649)**

Conversions

Conversions Part 1

Format	Color
Hex	7F524D
RGB	127, 82, 77
RGB Percent	50%, 32%, 30%
CMY	0.5020, 0.6784, 0.6980
CMYK	0.00, 0.35, 0.39, 0.50
HSL	6°, 25%, 40%
HSV	6°, 39%, 50%
XYZ	13.1092, 11.0824, 8.4694
YIQ	94.8850, 28.4250, 7.9850

Conversions

Conversions Part 2

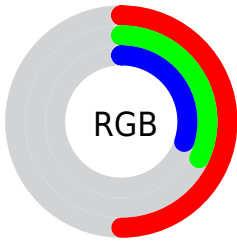
Format	Color
R_{YB}	127, 83, 77
Decimal	8344141
CIE _{Lab}	39.72, 18.17, 10.69
CIE _{LCh}	40, 21.080, 30.481
Yxy	11.0824, 0.4014, 0.3393
Android (android.graphics.Color)	4286534221 (0xFF7F524D)
YUV	94.8850, -8.8173, 28.1649
Hunter-Lab	33.2903, 12.0328, 8.2193

Details

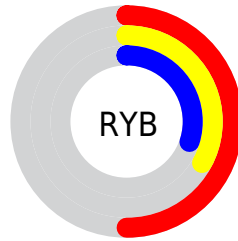
The YUV color **94.8850, -8.8173, 28.1649** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.1150, 8.8173, -28.1649**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9670, -9.8437, 30.7239**, and **47.6180, -7.2067, 24.8910** is the 20% darker color. If you saturate the color by 10%, you get **86.9460, -11.3124, 35.1274**, and if you desaturate by 10%, it is **102.8240, -6.3222, 21.2024**.

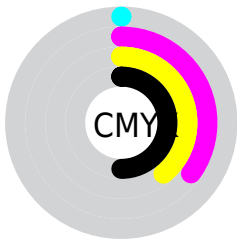
Distribution



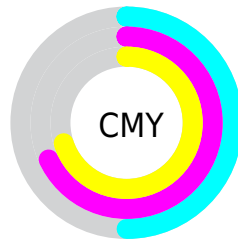
- Red (50%)
- Green (32%)
- Blue (30%)



- Red (50%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (35%)
- Yellow (39%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8850, -8.8173, 28.1649 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 YUV color 94.8850, -8.8173, 28.1649 by changing the saturation by 10% instead.

■ 94.8850, -8.8173,
28.1649

■ 94.8850, -8.8173,
28.1649

■ 255.0000, 0.0000,
0.0000

■ 70.9880, -8.3751,
26.3205

■ 145.9670, -9.8437,
30.7239

■ 47.6180, -7.2067,
24.8910

■ 172.5650,
-10.1385, 31.9535

■ 25.4930, -7.6380,
23.2466

■ 200.1630,
-10.4334, 33.1830

■ 9.3830, -4.1328,
18.9581

■ 224.7600, -9.2487,
26.5205

■ 0.0000, 0.0000,
0.0000

■ 244.3880, -5.1213,
9.3067

■ 94.8850, -8.8173,
28.1649

■ 94.8850, -8.8173,
28.1649

■ 86.9460, -11.3124,
35.1274

■ 102.8240, -6.3222,
21.2024

■ 78.5340, -13.0813,
42.5047

■ 111.2360, -4.5533,
13.8250

■ 70.5950, -15.5763,
49.4672

■ 119.1750, -2.0583,
6.8625

■ 62.0690, -17.7820,
56.9445

■ 127.7010, 0.1474,
-0.6148

■ 54.2440, -19.8403,
63.8070

■ 135.6400, 2.6425,
-7.5773

■ 45.7180, -22.0460,
71.2843

■ 144.0520, 4.4114,
-14.9546

■ 45.6040, -22.4828,
71.3843

■ 151.9910, 6.9064,
-21.9171

■ 159.9300, 9.4015,

-28.8796

■ 168.3420, 11.1704,
-36.2569

Harmonies

Analogous

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



95.9370, -0.9549, 26.3653



94.8850, -8.8173, 28.1649



93.9460, -14.7634, 21.9724

Triad

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



94.8850, -8.8173, 28.1649



87.9840, -5.9081, -18.4030



91.5860, 17.9521, -18.0539

Complementary

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



94.8850, -8.8173, 28.1649



109.1150, 8.8173, -28.1649

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.



86.4760, 18.0063, -35.4975



94.8850, -8.8173, 28.1649



85.1160, 3.8868, -33.4277

Square

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



94.8850, -8.8173, 28.1649



90.8350, -13.2297, -3.3633



82.8790, 13.3707, -41.9899



94.9690, 13.8193, 0.9042

Rectangle

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



94.8850, -8.8173, 28.1649



93.1470, -16.3415, 14.7801



82.8790, 13.3707, -41.9899



89.9550, 18.2632, -24.5165

Sweetspot

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



94.8850, -8.8173, 28.1649



153.1540, -3.5269, 11.2659



97.0800, 12.2856, 26.2398



76.7620, -2.3477, 6.3477



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



94.8850, -8.8173, 28.1649



116.0180, -13.8129, 43.8342



109.5600, -16.0521, 15.2949



59.6800, -1.3212, 3.7886



45.9030, -22.6302, 71.9991



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.1150, 8.8173, -28.1649



137.9820, 13.8129, -43.8342



94.4400, 16.0521, -15.2949



61.3200, 1.3212, -3.7886



82.0970, 22.6302, -71.9991



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 94.8850, -8.8173, 28.1649 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 YUV color 94.8850, -8.8173, 28.1649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

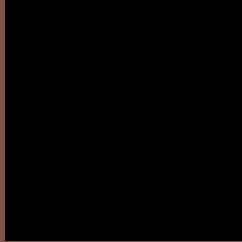
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8850, -8.8173, 28.1649

Background



This preview shows how black text looks on a background with the YUV color 94.8850, -8.8173, 28.1649.

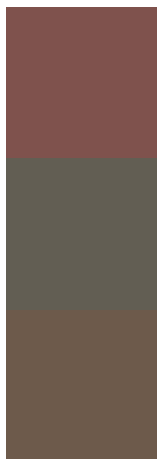


This preview shows how white text looks on a background with the YUV color 94.8850, -8.8173,

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

94.8850, -8.8173, 28.1649

Protanopia

93.9420, -5.3944, 3.5589

Deuteranopia

93.9710, -9.3527, 13.1804



Tritanopia

95.7370, -4.3073, 28.2947

Trichromacy



Original Color

94.8850, -8.8173, 28.1649

Protanomaly

94.6550, -6.7319, 12.5806

Deuteranomaly

94.4170, -9.0796, 18.9283

Tritanomaly

95.2810, -6.0545, 28.6946

Monochromacy



Original Color

94.8850, -8.8173, 28.1649

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8550, -3.3795, 10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8850, -8.8173, 28.1649 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(127, 82, 77)` looks like.

```
.text, #text, p{  
    color:rgb(127, 82, 77)  
}
```

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(127, 82, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 82, 77) }
```

Border

The CSS property to change the border of an element to YUV 94.8850, -8.8173, 28.1649 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(127, 82, 77) }
```


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

```
.border{ border-color:rgb(127, 82, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 82, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 82, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 82, 77);  
box-shadow:4px 4px 4px 4px rgb(127, 82,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 94.8850, -8.8173, 28.1649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 82, 77) }
```

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

```
.background{ background-color: rgb(127, 82,  
77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor