

Converting Colors

YUV(94.8700, -32.9669,
27.3010)

Have a look what the booklet for
YUV(94.8700, -32.9669, 27.3010)
contains.

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Color

**YUV(94.8700, -32.9669,
27.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5C1C
RGB	126, 92, 28
RGB Percent	49%, 36%, 11%
CMY	0.5059, 0.6392, 0.8902
CMYK	0.00, 0.27, 0.78, 0.51
HSL	39°, 64%, 30%
HSV	39°, 78%, 49%
XYZ	12.6409, 12.1738, 2.7821
YIQ	94.8700, 40.8080, -12.6960

Conversions

Conversions Part 2

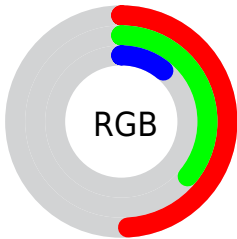
Format	Color
R _Y B	80, 126, 28
Decimal	8281116
CIE Lab	41.49, 7.42, 40.22
CIE LCh	41, 40.893, 79.552
Yxy	12.1738, 0.4581, 0.4411
Android (android.graphics.Color)	4286471196 (0xFF7E5C1C)
YUV	94.8700, -32.9669, 27.3010
Hunter-Lab	34.8909, 3.6112, 19.6960

Details

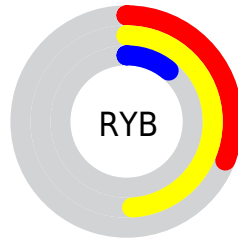
The YUV color **94.8700, -32.9669, 27.3010** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **59.1300, 32.9669, -27.3010**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4360, -34.7249, 31.1896**, and **48.8290, -24.0727, 21.1980** is the 20% darker color. If you saturate the color by 10%, you get **91.0400, -37.4877, 30.6599**, and if you desaturate by 10%, it is **98.7000, -28.4461, 23.9421**.

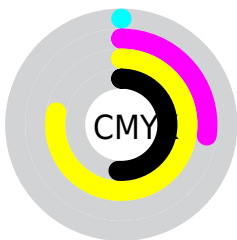
Distribution



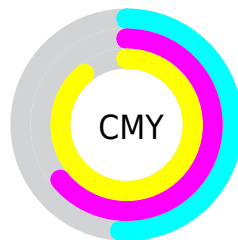
- Red (49%)
- Green (36%)
- Blue (11%)



- Red (31%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (27%)
- Yellow (78%)
- Black (51%)



- Cyan (51%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8700, -32.9669, 27.3010 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 94.8700, -32.9669, 27.3010 by changing the saturation by 10% instead.

■ 94.8700, -32.9669,
27.3010

■ 94.8700, -32.9669,
27.3010

■ 255.0000, 0.0000,
0.0000

■ 70.2180, -34.1245,
25.2418

■ 146.4360,
-34.7249, 31.1896

■ 48.8290, -24.0727,
21.1980

■ 173.2190,
-35.6040, 33.1339

■ 29.3150, -14.4523,
15.5097

■ 201.2900,
-36.6250, 33.9487

■ 6.8770, -3.3904,
14.1399

■ 224.7020,
-34.8561, 26.5713

■ 0.0000, 0.0000,
0.0000

■ 244.8030,
-31.4549, 8.9428

■ 249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

94.8700, -32.9669,
27.3010

94.8700, -32.9669,
27.3010

91.0400, -37.4877,
30.6599

98.7000, -28.4461,
23.9421

86.7370, -41.2823,
34.4337

103.0030,
-24.6515, 20.1684

85.8080, -42.3033,
35.2484

106.8330,
-20.1307, 16.8095

110.5490,
-16.0467, 13.5505

114.9660,
-11.8152, 9.6768

■ 118.7960, -7.2944,
6.3179

■ 123.0990, -3.4998,
2.5442

■ 126.9290, 1.0210,
-0.8147

■ 130.6450, 5.1050,
-4.0737

Harmonies

Analogous

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



96.3960, -23.8592, 46.1337



94.8700, -32.9669, 27.3010



92.1720, -31.1438, 2.4802

Triad

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



94.8700, -32.9669, 27.3010



80.4840, 18.9884, -70.5845



101.1210, 20.1533, 22.6959

Complementary

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



94.8700, -32.9669, 27.3010



59.1300, 32.9669, -27.3010

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.



96.8540, 31.6240, -16.5350



94.8700, -32.9669, 27.3010



82.6160, 32.2343, -72.4542

Square

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



94.8700, -32.9669, 27.3010



76.6080, 4.1373, -67.1852



80.3310, 41.2488, -70.4503



98.9040, 5.9633, 47.4422

Rectangle

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



94.8700, -32.9669, 27.3010



89.2280, -22.7904, -16.8630



80.3310, 41.2488, -70.4503



100.4940, 24.4065, 11.8448

Sweetspot

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



94.8700, -32.9669, 27.3010



151.1510, -12.3994, 10.3916



61.1780, 0.4052, 56.8489



74.6820, -7.7312, 6.4179



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



94.8700, -32.9669, 27.3010



115.1480, -51.3450, 41.9662



110.3430, -40.5951, 0.5762



62.0280, -2.4788, 1.7294



86.9930, -42.8875, 35.9631



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.1300, 32.9669, -27.3010



59.4390, 51.0556, -42.4810



43.6570, 40.5951, -0.5762



59.5590, 2.1894, -2.2442



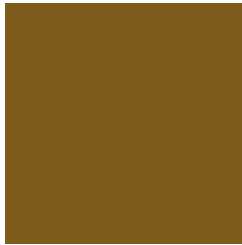
40.4200, 43.1769, -35.4483



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 94.8700, -32.9669, 27.3010 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 94.8700, -32.9669, 27.3010 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 94.8700, -32.9669, 27.3010

Background



This preview shows how black text looks on a background with the YUV color 94.8700, -32.9669, 27.3010.



This preview shows how white text looks on a background with the YUV color 94.8700, -32.9669,

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

94.8700, -32.9669, 27.3010

Protanopia

93.8360, -31.4711, 14.1758

Deuteranopia

94.5600, -32.8141, 24.9419



Tritanopia

99.8400, -3.8651, 26.4503

Trichromacy



Original Color

94.8700, -32.9669, 27.3010

Protanomaly

94.3420, -32.2136, 18.9941

Deuteranomaly

94.8590, -32.9615, 25.5567

Tritanomaly

98.0930, -14.3428, 27.1054

Monochromacy



Original Color

94.8700, -32.9669, 27.3010

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9660, -11.8152, 9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8700, -32.9669, 27.3010 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(126, 92, 28)` looks like.

```
.text, #text, p{  
    color:rgb(126, 92, 28)  
}
```

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(126, 92, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 92, 28) }
```

Border

The CSS property to change the border of an element to YUV 94.8700, -32.9669, 27.3010 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(126, 92, 28) }
```


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

```
.border{ border-color:rgb(126, 92, 28) }
```

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

Here you see how a box with a 4 pixel rgb(126, 92, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 92, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 92, 28);  
box-shadow:4px 4px 4px 4px rgb(126, 92,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 94.8700, -32.9669, 27.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 92, 28) }
```

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

```
.background{ background-color: rgb(126, 92,  
28) }
```

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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