

Converting Colors

YUV(94.9730, -12.3117,
28.9647)

Have a look what the booklet for
YUV(94.9730, -12.3117, 28.9647)
contains.

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Color

**YUV(94.9730, -12.3117,
28.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	805346
RGB	128, 83, 70
RGB Percent	50%, 33%, 27%
CMY	0.4980, 0.6745, 0.7255
CMYK	0.00, 0.35, 0.45, 0.50
HSL	13°, 29%, 39%
HSV	13°, 45%, 50%
XYZ	13.1008, 11.2179, 7.2691
YIQ	94.9730, 30.9930, 5.4970

Conversions

Conversions Part 2

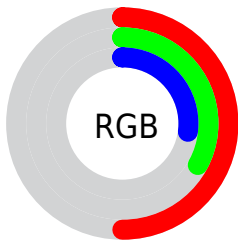
Format	Color
R_{YB}	128, 87, 70
Decimal	8409926
CIE _{Lab}	39.95, 17.14, 15.32
CIE _{LCh}	40, 22.988, 41.801
Yxy	11.2179, 0.4147, 0.3551
Android (android.graphics.Color)	4286600006 (0xFF805346)
YUV	94.9730, -12.3117, 28.9647
Hunter-Lab	33.4931, 11.2072, 10.5773

Details

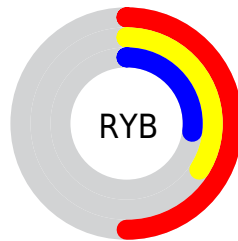
The YUV color **94.9730, -12.3117, 28.9647** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **103.0270, 12.3117, -28.9647**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2400, -13.9223, 32.2385**, and **47.5210, -10.1169, 24.9761** is the 20% darker color. If you saturate the color by 10%, you get **87.6210, -15.0962, 35.4124**, and if you desaturate by 10%, it is **102.3250, -9.5272, 22.5170**.

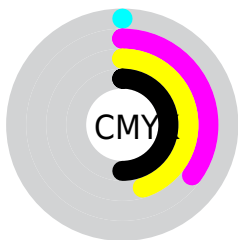
Distribution



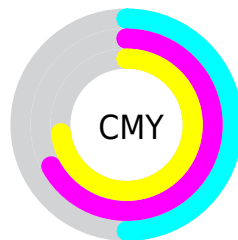
- Red (50%)
- Green (33%)
- Blue (27%)



- Red (50%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (50%)





- Cyan (50%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9730, -12.3117, 28.9647 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 94.9730, -12.3117, 28.9647 by changing the saturation by 10% instead.


 94.9730, -12.3117,
28.9647


 94.9730, -12.3117,
28.9647


255.0000, 0.0000,
0.0000


 71.1900, -11.4327,
27.0204


 146.2400,
-13.9223, 32.2385


 47.5210, -10.1169,
24.9761


 172.8380,
-14.2171, 33.4681


 25.2390, -12.4428,
24.3464

 200.4360,
-14.5119, 34.6976

 9.3830, -4.1328,
18.9581

 224.4350,
-13.0325, 26.8055

 0.0000, 0.0000,
0.0000

 244.0630, -8.9051,
9.5917

■ 94.9730, -12.3117,
28.9647

■ 94.9730, -12.3117,
28.9647

■ 87.6210, -15.0962,
35.4124

■ 102.3250, -9.5272,
22.5170

■ 80.2690, -17.8806,
41.8601

■ 109.6770, -6.7428,
16.0693

■ 73.0310, -20.2283,
48.2078

■ 116.9150, -4.3951,
9.7215

■ 65.6790, -23.0127,
54.6555

■ 124.2670, -1.6106,
3.2738

■ 58.3270, -25.7972,
61.1032

■ 131.6190, 1.1738,
-3.1739

■ 55.2950, -27.2604,
63.7623

■ 138.9710, 3.9583,
-9.6216

■ 146.3230, 6.7428,
-16.0693

■ 152.9740, 9.3798,

-21.9022

■ 160.3260, 12.1643,
-28.3499

Harmonies

Analogous

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



96.0470, -4.4602, 30.6538



94.9730, -12.3117, 28.9647



93.9520, -17.2313, 20.2131

Triad

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



94.9730, -12.3117, 28.9647



86.5530, -2.2446, -26.7950



93.4450, 18.5146, -11.7913

Complementary

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



94.9730, -12.3117, 28.9647



103.0270, 12.3117, -28.9647

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.



87.4700, 20.4743, -33.7382



94.9730, -12.3117, 28.9647



82.4290, 9.1555, -43.3492

Square

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



94.9730, -12.3117, 28.9647



89.8450, -11.7556, -9.5111



81.3880, 18.0497, -49.4523



96.6710, 12.4872, 8.1815

Rectangle

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



94.9730, -12.3117, 28.9647



92.6690, -18.0778, 11.6913



81.3880, 18.0497, -49.4523



92.2160, 19.1205, -19.4834

Sweetspot

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



94.9730, -12.3117, 28.9647



152.8120, -4.8373, 11.5659



92.4720, 11.1063, 31.1581



75.9470, -2.9319, 7.0625



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.



94.9730, -12.3117, 28.9647



114.6500, -19.0544, 45.0340



111.9960, -20.7040, 14.0355



60.2670, -1.6106, 3.2738



55.2950, -27.2604, 63.7623



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.0270, 12.3117, -28.9647



127.3500, 19.0545, -45.0339



86.0040, 20.7040, -14.0355



60.7330, 1.6106, -3.2738



72.7050, 27.2604, -63.7623



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 94.9730, -12.3117, 28.9647 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 94.9730, -12.3117, 28.9647 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 94.9730, -12.3117, 28.9647

Background



This preview shows how black text looks on a background with the YUV color 94.9730, -12.3117, 28.9647.



This preview shows how white text looks on a background with the YUV color 94.9730, -12.3117,

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

94.9730, -12.3117, 28.9647

Protanopia

93.6280, -9.1836, 5.5882

Deuteranopia

94.7710, -12.7051, 15.1098



Tritanopia

96.0360, -4.4547, 28.9094

Trichromacy



Original Color

94.9730, -12.3117, 28.9647

Protanomaly

94.0420, -10.3737, 13.9952

Deuteranomaly

94.8040, -12.7214, 20.3429

Tritanomaly

95.9390, -7.3649, 28.9945

Monochromacy



Original Color

94.9730, -12.3117, 28.9647

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2140, -4.5425, 10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9730, -12.3117, 28.9647 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(128, 83, 70)` looks like.

```
.text, #text, p{  
    color:rgb(128, 83, 70)  
}
```

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(128, 83, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 83, 70) }
```

Border

The CSS property to change the border of an element to YUV 94.9730, -12.3117, 28.9647 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(128, 83, 70) }
```


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

```
.border{ border-color:rgb(128, 83, 70) }
```

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

Here you see how a box with a 4 pixel rgb(128, 83, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 83, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 83, 70);  
box-shadow:4px 4px 4px 4px rgb(128, 83,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 94.9730, -12.3117, 28.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 83, 70) }
```

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

```
.background{ background-color: rgb(128, 83,  
70) }
```

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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