

Converting Colors

YUV(97.9890, -9.8546, 34.2126)

Have a look what the booklet for
YUV(97.9890, -9.8546, 34.2126)
contains.

YUV(97.9890, -9.8546, 34.2126)	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(97.9890, -9.8546,
34.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	89524E
RGB	137, 82, 78
RGB Percent	54%, 32%, 31%
CMY	0.4627, 0.6784, 0.6941
CMYK	0.00, 0.40, 0.43, 0.46
HSL	4°, 27%, 42%
HSV	4°, 43%, 54%
XYZ	14.7090, 11.9030, 8.7300
YIQ	97.9890, 34.0640, 10.4160

Conversions

Conversions Part 2

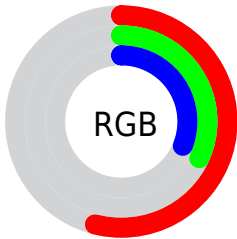
Format	Color
R_{YB}	137, 82, 78
Decimal	8999502
CIE _{Lab}	41.06, 22.49, 12.14
CIE _{LCh}	41, 25.556, 28.364
Yxy	11.9030, 0.4162, 0.3368
Android (android.graphics.Color)	4287189582 (0xFF89524E)
YUV	97.9890, -9.8546, 34.2126
Hunter-Lab	34.5007, 15.7250, 9.1479




Details

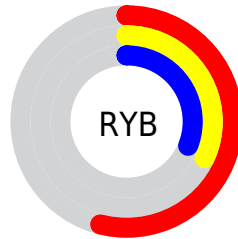
The YUV color **97.9890, -9.8546, 34.2126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117.0110, 9.8546, -34.2126**, and the grayscale version is **98.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **149.3700, -11.0284, 37.3865**, and **50.1240, -7.9491, 29.7093** is the 20% darker color. If you saturate the color by 10%, you get **88.7620, -12.2077, 42.3047**, and if you desaturate by 10%, it is **107.2160, -7.5015, 26.1206**.

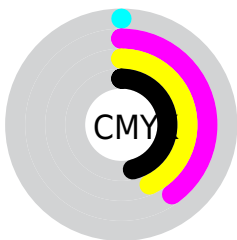
Distribution







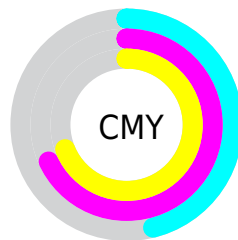
-  Red (54%)
-  Green (32%)
-  Blue (31%)






-  Red (54%)
-  Yellow (32%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (40%)
-  Yellow (43%)
-  Black (46%)



-  Cyan (46%)
-  Magenta (68%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9890, -9.8546, 34.2126 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 97.9890, -9.8546, 34.2126 by changing the saturation by 10% instead.

■ 97.9890, -9.8546,
34.2126

■ 97.9890, -9.8546,
34.2126

255.0000, 0.0000,
0.0000

■ 73.2060, -8.9756,
32.2683

■ 149.3700,
-11.0284, 37.3865

■ 50.1240, -7.9491,
29.7093

■ 176.2670,
-11.4706, 39.2308

■ 26.6400, -7.2175,
28.3797

■ 204.4520,
-12.0548, 39.9456

■ 11.3620, -5.6015,
23.3615

■ 224.8740, -8.8119,
26.4205

■ 0.0000, 0.0000,
0.0000

■ 245.0890, -4.9739,
8.6919

■ 97.9890, -9.8546,
34.2126

■ 97.9890, -9.8546,
34.2126

■ 88.7620, -12.2077,
42.3047

■ 107.2160, -7.5015,
26.1206

■ 79.6490, -14.1240,
50.2968

■ 116.3290, -5.5852,
18.1285

■ 71.0090, -16.7664,
57.8741

■ 124.9690, -2.9427,
10.5512

■ 61.7820, -19.1195,
65.9662

■ 134.1960, -0.5896,
2.4591

■ 52.6690, -21.0358,
73.9583

■ 143.4230, 1.7635,
-5.6330

■ 46.2460, -22.7993,
79.5913

■ 152.5360, 3.6798,
-13.6251

■ 161.1760, 6.3222,
-21.2024

■ 170.4030, 8.6753,

-29.2944

■ 179.5160, 10.5916,
-37.2865

Harmonies

Analogous

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



99.1980, -0.0976, 31.3984



97.9890, -9.8546, 34.2126



96.9960, -17.2530, 27.1905

Triad

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



97.9890, -9.8546, 34.2126



90.0930, -7.9338, -22.0066



92.9810, 22.1944, -25.4163

Complementary

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



97.9890, -9.8546, 34.2126



117.0110, 9.8546, -34.2126

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.



83.8590, 23.7335, -52.4963



97.9890, -9.8546, 34.2126



84.9900, 4.9349, -42.9642

Square

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



97.9890, -9.8546, 34.2126



93.5100, -17.0134, -3.0783



76.9190, 19.2669, -66.5810



98.5820, 17.4611, -0.5104

Rectangle

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



97.9890, -9.8546, 34.2126



96.2570, -19.8467, 19.0686



76.9190, 19.2669, -66.5810



90.1540, 23.0951, -34.3381

Sweetspot

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



97.9890, -9.8546, 34.2126



163.3500, -4.1166, 13.7250



101.9110, 15.3269, 30.7731



79.7730, -2.3531, 8.0921



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



97.9890, -9.8546, 34.2126



117.3290, -15.4452, 54.0855



115.0120, -18.2469, 19.2835



64.0930, -1.0318, 4.3034



45.0500, -22.2096, 77.1321



1.4950, -0.7370, 3.0739

Inverse Universe

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



117.0110, 9.8546, -34.2126



147.0840, 15.7346, -53.5707



99.9880, 18.2469, -19.2835



66.3200, 1.3212, -3.7886



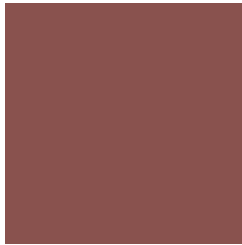
87.9500, 22.2096, -77.1321



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 97.9890, -9.8546, 34.2126 looks on a white background.

Color Contrast Check

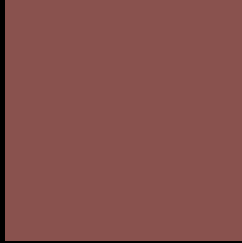
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.9890, -9.8546, 34.2126 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 97.9890, -9.8546, 34.2126

Background



This preview shows how black text looks on a background with the YUV color 97.9890, -9.8546, 34.2126.

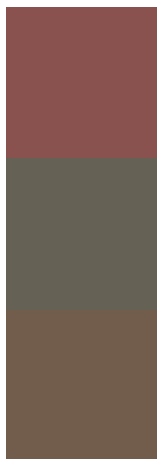


This preview shows how white text looks on a background with the YUV color 97.9890, -9.8546,

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

97.9890, -9.8546, 34.2126

Protanopia

97.1270, -5.9786, 4.2736

Deuteranopia

97.3410, -10.5211, 14.6099



Tritanopia

98.7270, -5.7814, 34.4424

Trichromacy



Original Color

97.9890, -9.8546, 34.2126

Protanomaly

97.7370, -7.7583, 15.1397

Deuteranomaly

97.4990, -10.1060, 21.4874

Tritanomaly

98.3850, -7.0918, 34.7424

Monochromacy



Original Color

97.9890, -9.8546, 34.2126

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8660, -3.3849, 12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9890, -9.8546, 34.2126 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(137, 82, 78)` looks like.

```
.text, #text, p{  
    color:rgb(137, 82, 78)  
}
```

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(137, 82, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 82, 78) }
```

Border

The CSS property to change the border of an element to YUV 97.9890, -9.8546, 34.2126 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(137, 82, 78) }
```


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

```
.border{ border-color:rgb(137, 82, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 82, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 82, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 82, 78);  
box-shadow:4px 4px 4px 4px rgb(137, 82,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 97.9890, -9.8546, 34.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 82, 78) }
```

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

```
.background{ background-color: rgb(137, 82,  
78) }
```

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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