

Converting Colors

YUV(93.8990, -16.7122,
40.4306)

Have a look what the booklet for
YUV(93.8990, -16.7122, 40.4306)
contains.

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Color

**YUV(93.8990, -16.7122,
40.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4D3C
RGB	140, 77, 60
RGB Percent	55%, 30%, 24%
CMY	0.4510, 0.6980, 0.7647
CMYK	0.00, 0.45, 0.57, 0.45
HSL	13°, 40%, 39%
HSV	13°, 57%, 55%
XYZ	14.2847, 11.2094, 5.6857
YIQ	93.8990, 43.0050, 8.0690

Conversions

Conversions Part 2

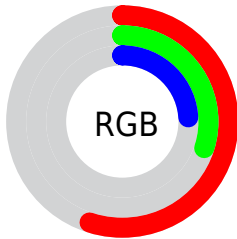
Format	Color
RYB	140, 82, 60
Decimal	9194812
CIELab	39.93, 24.75, 21.68
CIELCh	40, 32.905, 41.210
Yxy	11.2094, 0.4581, 0.3595
Android (android.graphics.Color)	4287384892 (0xFF8C4D3C)
YUV	93.8990, -16.7122, 40.4306
Hunter-Lab	33.4805, 17.5674, 13.3676

Details

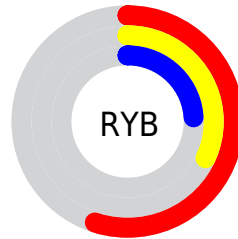
The YUV color **93.8990, -16.7122, 40.4306** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.1010, 16.7122, -40.4306**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7640, -18.6177, 44.9340**, and **45.8490, -14.2226, 35.2124** is the 20% darker color. If you saturate the color by 10%, you get **85.8460, -19.6441, 47.4931**, and if you desaturate by 10%, it is **101.9520, -13.7803, 33.3681**.

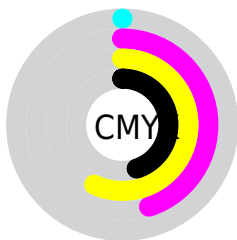
Distribution



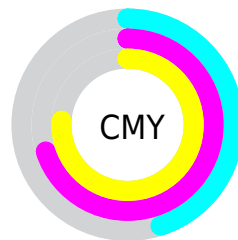
- Red (55%)
- Green (30%)
- Blue (24%)



- Red (55%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (45%)
- Yellow (57%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8990, -16.7122, 40.4306 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 93.8990, -16.7122, 40.4306 by changing the saturation by 10% instead.

■ 93.8990, -16.7122,
40.4306

■ 93.8990, -16.7122,
40.4306

■ 255.0000, 0.0000,
0.0000

■ 69.2300, -15.3964,
38.3863

■ 145.7640,
-18.6177, 44.9340

■ 45.8490, -14.2226,
35.2124

■ 172.5470,
-19.4967, 46.8783

■ 22.0490, -10.8702,
33.2830

■ 200.0310,
-20.2283, 48.2078

■ 11.4760, -5.1647,
23.2615

■ 219.5450,
-16.5377, 31.0940

■ 0.0000, 0.0000,
0.0000

■ 239.1730,
-12.4103, 13.8803

■ 253.5180, -5.6784,

1.2997

■ 93.8990, -16.7122,
40.4306

■ 93.8990, -16.7122,
40.4306

■ 85.8460, -19.6441,
47.4931

■ 101.9520,
-13.7803, 33.3681

■ 77.7930, -22.5759,
54.5555

■ 110.0050,
-10.8485, 26.3056

■ 69.7400, -25.5078,
61.6180

■ 118.0580, -7.9166,
19.2431

■ 61.6870, -28.4397,
68.6805

■ 126.1110, -4.9847,
12.1807

■ 59.4700, -29.3187,
70.6248

■ 134.1640, -2.0529,
5.1182

■ 142.2170, 0.8790,
-1.9443

■ 150.2700, 3.8109,
-9.0068

■ 158.3230, 6.7428,
-16.0693

■ 166.3760, 9.6746,
-23.1318

Harmonies

Analogous

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



94.7220, -4.7929, 44.0938



93.8990, -16.7122, 40.4306



93.0470, -24.6732, 27.1458

Triad

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



93.8990, -16.7122, 40.4306



80.4430, -2.1904, -44.2385



91.3820, 27.4197, -21.3830

Complementary

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



93.8990, -16.7122, 40.4306



106.1010, 16.7122, -40.4306

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.



76.4040, 33.8178, -67.0063



93.8990, -16.7122, 40.4306



75.2520, 14.1728, -65.9960

Square

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



93.8990, -16.7122, 40.4306



87.6180, -17.5597, -14.5740



76.9280, 25.6715, -67.4659



96.7020, 18.8809, 10.7853

Rectangle

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



93.8990, -16.7122, 40.4306



91.6280, -25.9456, 15.2352



76.9280, 25.6715, -67.4659



88.1630, 29.4996, -35.2230

Sweetspot

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



93.8990, -16.7122, 40.4306



163.3780, -6.5954, 15.4545



91.2160, 16.1625, 42.7836



81.0290, -3.9583, 9.6216



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



93.8990, -16.7122, 40.4306



109.2240, -26.2394, 62.9476



116.7920, -27.9985, 20.3534



64.6800, -1.3212, 3.7886



56.2030, -27.7081, 67.3510



2.0820, -1.0264, 2.5591

Inverse Universe

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



106.1010, 16.7122, -40.4306



128.3630, 25.9500, -63.4624



83.2080, 27.9985, -20.3534



65.7330, 1.6106, -3.2738



76.2100, 27.9975, -66.8362



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 93.8990, -16.7122, 40.4306 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 93.8990, -16.7122, 40.4306 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 93.8990, -16.7122, 40.4306

Background



This preview shows how black text looks on a background with the YUV color 93.8990, -16.7122, 40.4306.



This preview shows how white text looks on a background with the YUV color 93.8990, -16.7122,

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

93.8990, -16.7122, 40.4306

Protanopia

93.9010, -13.2622, 7.1028

Deuteranopia

93.7130, -18.0995, 18.6687



Tritanopia

94.7170, -7.2555, 40.5902

Trichromacy



Original Color

93.8990, -16.7122, 40.4306

Protanomaly

93.6360, -14.6105, 19.6132

Deuteranomaly

93.5830, -17.5424, 26.6757

Tritanomaly

94.5060, -10.6025, 40.7752

Monochromacy



Original Color

93.8990, -16.7122, 40.4306

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1930, -6.0111, 14.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8990, -16.7122, 40.4306 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(140, 77, 60)` looks like.

```
.text, #text, p{  
    color:rgb(140, 77, 60)  
}
```

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(140, 77, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 77, 60) }
```

Border

The CSS property to change the border of an element to YUV 93.8990, -16.7122, 40.4306 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(140, 77, 60) }
```


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

```
.border{ border-color:rgb(140, 77, 60) }
```

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

Here you see how a box with a 4 pixel rgb(140, 77, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 77, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 77, 60);  
box-shadow:4px 4px 4px 4px rgb(140, 77,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 93.8990, -16.7122, 40.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 77, 60) }
```

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

```
.background{ background-color: rgb(140, 77,  
60) }
```

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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