

Converting Colors

YUV(98.9500, -40.8944,
50.0328)

Have a look what the booklet for
YUV(98.9500, -40.8944, 50.0328)
contains.

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Color

**YUV(98.9500, -40.8944,
50.0328)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9C5610 |
| RGB | 156, 86, 16 |
| RGB Percent | 61%, 34%, 6% |
| CMY | 0.3882, 0.6627, 0.9373 |
| CMYK | 0.00, 0.45, 0.90, 0.39 |
| HSL | 30°, 81%, 34% |
| HSV | 30°, 90%, 61% |
| XYZ | 17.1316, 13.7609, 2.2434 |
| YIQ | 98.9500, 64.1900, -6.9300 |

Conversions

Conversions Part 2

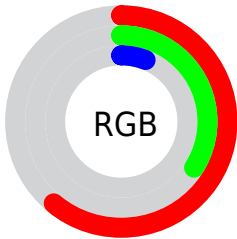
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 156, 156, 16 |
| Decimal | 10245648 |
| CIE Lab | 43.89, 24.30, 48.43 |
| CIE LCh | 44, 54.181, 63.353 |
| Yxy | 13.7609, 0.5170, 0.4153 |
| Android (android.graphics.Color) | 4288435728 (0xFF9C5610) |
| YUV | 98.9500, -40.8944, 50.0328 |
| Hunter-Lab | 37.0957, 17.5178, 22.3814 |

Details

The YUV color **98.9500, -40.8944, 50.0328** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **73.0500, 40.8944, -50.0328**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1680, -41.4948, 55.9807**, and **52.4940, -25.8795, 40.7858** is the 20% darker color. If you saturate the color by 10%, you get **92.4300, -45.5680, 55.7509**, and if you desaturate by 10%, it is **105.4700, -36.2207, 44.3148**.

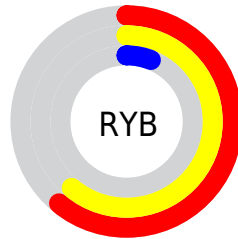
Distribution



Red (61%)

Green (34%)

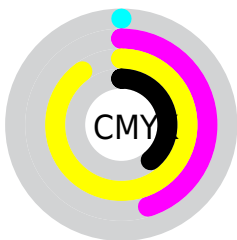
Blue (6%)



Red (61%)

Yellow (61%)

Blue (6%)

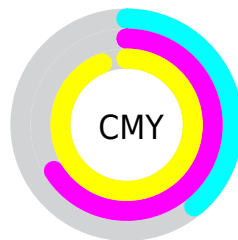


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (39%)



Cyan (39%)

Magenta (66%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9500, -40.8944, 50.0328 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 98.9500, -40.8944, 50.0328 by changing the saturation by 10% instead.

■ 98.9500, -40.8944,
50.0328

■ 98.9500, -40.8944,
50.0328

■ 255.0000, 0.0000,
0.0000

■ 74.3670, -36.6629,
46.1591

■ 152.1680,
-41.4948, 55.9807

■ 52.4940, -25.8795,
40.7858

■ 179.8370,
-42.8106, 58.0250

■ 31.2080, -15.3855,
34.8976

■ 201.2270,
-41.0309, 47.1589

■ 13.4550, -6.6333,
27.6650


■ 220.7410,
-37.3403, 30.0451


■ 0.0000, 0.0000,
0.0000


■ 240.8420,
-33.9391, 12.4166


■ 248.7300,

-24.0239, 5.4988


 251.9220,
-11.7935, 2.6994


 98.9500, -40.8944,
50.0328


 98.9500, -40.8944,
50.0328


 92.4300, -45.5680,
55.7509

 105.4700,
-36.2207, 44.3148

 111.8760,
-31.9839, 38.6967

 117.8090,
-27.0208, 33.4935

 124.2150,
-22.7840, 27.8754

 130.7350,
-18.1104, 22.1574

■ 137.2550,
-13.4367, 16.4394

■ 143.6610, -9.1999,
10.8213

■ 149.5940, -4.2368,
5.6181

■ 156.0000, 0.0000,
0.0000

Harmonies

Analogous

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



98.7610, -20.5882, 70.3696



98.9500, -40.8944, 50.0328



96.3410, -47.4961, 20.7489

Triad

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



98.9500, -40.8944, 50.0328



85.1000, 11.2897, -74.6327



105.2400, 36.3637, 3.2975

Complementary

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



98.9500, -40.8944, 50.0328



73.0500, 40.8944, -50.0328

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.



85.5120, 53.4846, -74.9940



98.9500, -40.8944, 50.0328



90.1160, 30.5088, -79.0317

Square

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



98.9500, -40.8944, 50.0328



78.5680, -8.6610, -68.9041



90.8290, 45.9333, -79.6570



104.5850, 19.9246, 49.4760

Rectangle

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



98.9500, -40.8944, 50.0328



92.9530, -45.8258, -1.7128



90.8290, 45.9333, -79.6570



102.1880, 41.8123, -17.7049

Sweetspot

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



98.9500, -40.8944, 50.0328



181.2940, -15.9209, 19.9132



65.8400, 9.9389, 79.0703



88.8460, -9.7841, 11.5361



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



98.9500, -40.8944, 50.0328



120.8700, -59.5889, 72.9050



140.0400, -61.1517, 13.9969



75.7400, -2.3368, 2.8590



84.4340, -41.6260, 51.3624



9.1810, -4.5262, 5.1033

Inverse Universe

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



73.0500, 40.8944, -50.0328



83.1300, 59.5889, -72.9050



31.9600, 61.1517, -13.9969



74.2600, 2.3368, -2.8590



57.9790, 41.9154, -50.8476



6.4060, 4.2368, -5.6181

Previews

White Background



This preview shows how the YUV color 98.9500, -40.8944, 50.0328 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 98.9500, -40.8944, 50.0328 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 98.9500, -40.8944, 50.0328

Background



This preview shows how black text looks on a background with the YUV color 98.9500, -40.8944, 50.0328.



This preview shows how white text looks on a background with the YUV color 98.9500, -40.8944,

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

98.9500, -40.8944, 50.0328

Protanopia

99.0120, -38.4599, 15.7755

Deuteranopia

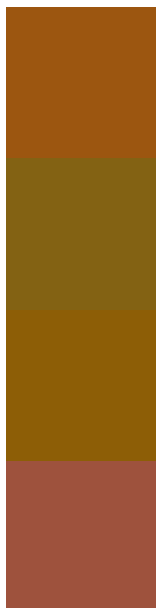
97.5810, -48.1074, 30.1855



Tritanopia

104.3050, -9.0244, 47.9675

Trichromacy



Original Color

98.9500, -40.8944, 50.0328

Protanomaly

98.8610, -39.3715, 28.1859

Deuteranomaly

98.0210, -45.3664, 37.6926

Tritanomaly

102.3300, -20.3757, 48.8226

Monochromacy



Original Color

98.9500, -40.8944, 50.0328

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9240, -14.7525, 18.4837

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9500, -40.8944, 50.0328 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(156, 86, 16)` looks like.

```
.text, #text, p{  
    color:rgb(156, 86, 16)  
}
```

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(156, 86, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 86, 16) }
```

Border

The CSS property to change the border of an element to YUV 98.9500, -40.8944, 50.0328 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(156, 86, 16) }
```


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

```
.border{ border-color:rgb(156, 86, 16) }
```

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

Here you see how a box with a 4 pixel rgb(156, 86, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 86, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 86, 16);  
box-shadow:4px 4px 4px 4px rgb(156, 86,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 98.9500, -40.8944, 50.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 86, 16) }
```

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

```
.background{ background-color: rgb(156, 86,  
16) }
```

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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