

Converting Colors

YUV(98.9410, -40.3969,
77.2277)

Have a look what the booklet for
YUV(98.9410, -40.3969, 77.2277)
contains.

YUV(98.9410, -40.3969, 77.2277)	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(98.9410, -40.3969,
77.2277)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4611
RGB	187, 70, 17
RGB Percent	73%, 27%, 7%
CMY	0.2667, 0.7255, 0.9333
CMYK	0.00, 0.63, 0.91, 0.27
HSL	19°, 83%, 40%
HSV	19°, 91%, 73%
XYZ	22.7849, 14.9856, 2.2219
YIQ	98.9410, 86.7450, 8.3210

Conversions

Conversions Part 2

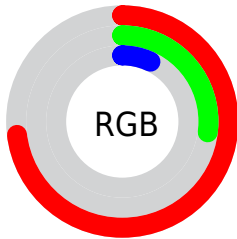
Format	Color
R_{YB}	187, 94, 17
Decimal	12273169
CIE _{Lab}	45.61, 45.02, 51.58
CIE _{LCh}	46, 68.465, 48.882
Yxy	14.9856, 0.5697, 0.3747
Android (android.graphics.Color)	4290463249 (0xFFBB4611)
YUV	98.9410, -40.3969, 77.2277
Hunter-Lab	38.7112, 37.3178, 23.6948

Details

The YUV color **98.9410, -40.3969, 77.2277** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **105.0590, 40.3969, -77.2277**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7030, -42.7446, 83.5755**, and **44.1310, -21.7566, 71.7991** is the 20% darker color. If you saturate the color by 10%, you get **89.9590, -44.3498, 85.1050**, and if you desaturate by 10%, it is **108.7380, -35.8598, 68.6358**.

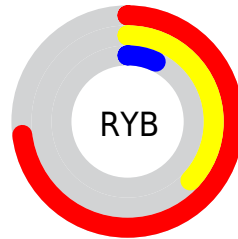
Distribution



Red (73%)

Green (27%)

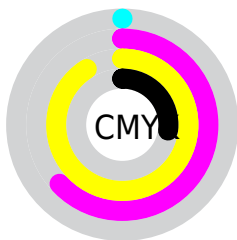
Blue (7%)



Red (73%)

Yellow (37%)

Blue (7%)

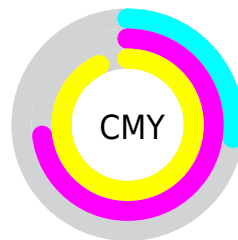


Cyan (0%)

Magenta (63%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9410, -40.3969, 77.2277 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 98.9410, -40.3969, 77.2277 by changing the saturation by 10% instead.

■ 98.9410, -40.3969,
77.2277

■ 98.9410, -40.3969,
77.2277

255.0000, 0.0000,
0.0000

■ 71.8850, -35.4393,
73.7689

■ 154.7030,
-42.7446, 83.5755

■ 44.1310, -21.7566,
71.7991

■ 174.8970,
-40.3752, 70.2503

■ 28.7040, -14.1511,
59.0186

■ 193.5960,
-37.2688, 53.8513

■ 20.0330, -9.8763,
41.1901

■ 213.6970,
-33.8676, 36.2227


■ 11.7750, -5.3121,
23.8763


■ 233.2110,
-30.1770, 19.1090


■ 0.0000, 0.0000,
0.0000


■ 248.7300,

-24.0239, 5.4988


 251.9220,
-11.7935, 2.6994


 98.9410, -40.3969,
77.2277


 98.9410, -40.3969,
77.2277


 89.9590, -44.3498,
85.1050

 108.7380,
-35.8598, 68.6358

 118.4210,
-31.7596, 60.1438

 128.2180,
-27.2225, 51.5518

 137.4280,
-22.3960, 43.4746

 147.2250,
-17.8589, 34.8827

■ 156.9080,
-13.7586, 26.3907

■ 166.7050, -9.2216,
17.7987

■ 176.5020, -4.6845,
9.2067

■ 186.1850, -0.5842,
0.7148

Harmonies

Analogous

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



91.8630, -8.3135, 100.0981



98.9410, -40.3969, 77.2277



102.0770, -50.3240, 41.1515

Triad

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



98.9410, -40.3969, 77.2277



86.4730, -1.2192, -75.8368



95.4900, 60.3974, -52.1727

Complementary

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



98.9410, -40.3969, 77.2277



105.0590, 40.3969, -77.2277

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.



96.2210, 61.5160, -84.3858



98.9410, -40.3969, 77.2277



94.4870, 24.4099, -82.8651

Square

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



98.9410, -40.3969, 77.2277



76.1280, -28.1641, -66.7643



98.4260, 47.1180, -86.3196



109.2860, 36.8340, 39.2142

Rectangle

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



98.9410, -40.3969, 77.2277



99.8410, -49.2216, 14.1714



98.4260, 47.1180, -86.3196



89.9920, 65.5729, -78.9230

Sweetspot

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



98.9410, -40.3969, 77.2277



208.1750, -15.3693, 29.6645



81.3960, 26.9198, 92.6147



101.7050, -9.2216, 17.7987



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



98.9410, -40.3969, 77.2277



116.9700, -57.6662, 109.6513



147.6620, -64.4164, 34.4994



89.4520, -2.1948, 3.9886



76.0050, -37.4705, 71.9096



15.1390, -7.4635, 13.9101

Inverse Universe

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



105.0590, 40.3969, -77.2277



125.6170, 57.3768, -110.1661



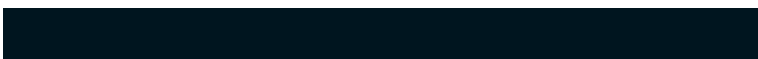
56.3380, 64.4164, -34.4994



89.5480, 2.1948, -3.9886



81.9950, 37.4705, -71.9096



15.8610, 7.4635, -13.9101

Previews

White Background



This preview shows how the YUV color 98.9410, -40.3969, 77.2277 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 98.9410, -40.3969, 77.2277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

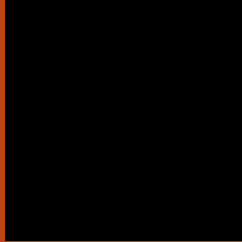
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 98.9410, -40.3969, 77.2277

Background



This preview shows how black text looks on a background with the YUV color 98.9410, -40.3969, 77.2277.



This preview shows how white text looks on a background with the YUV color 98.9410, -40.3969,

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

98.9410, -40.3969, 77.2277

Protanopia

103.5390, -37.7337, 16.1903

Deuteranopia

101.4240, -50.0020, 31.2002



Tritanopia

102.2330, -16.3839, 75.2177

Trichromacy



Original Color

98.9410, -40.3969, 77.2277

Protanomaly

102.0410, -38.9672, 38.5520

Deuteranomaly

100.4460, -46.5619, 47.8439

Tritanomaly

101.2410, -25.2618, 76.0876

Monochromacy



Original Color

98.9410, -40.3969, 77.2277

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.6910, -14.6377, 28.3350

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9410, -40.3969, 77.2277 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(187, 70, 17)` looks like.

```
.text, #text, p{  
    color:rgb(187, 70, 17)  
}
```

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(187, 70, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 70, 17) }
```

Border

The CSS property to change the border of an element to YUV 98.9410, -40.3969, 77.2277 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(187, 70, 17) }
```


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

```
.border{ border-color:rgb(187, 70, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 70, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 70, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 70, 17);  
box-shadow:4px 4px 4px 4px rgb(187, 70,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 98.9410, -40.3969, 77.2277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 70, 17) }
```

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

```
.background{ background-color: rgb(187, 70,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor