

Converting Colors

YUV(125.7730, -32.4261,
40.5411)

Have a look what the booklet for
YUV(125.7730, -32.4261, 40.5411)
contains.

YUV(125.7730, -32.4261, 40.5411)	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(125.7730, -32.4261,
40.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	AC733C
RGB	172, 115, 60
RGB Percent	67%, 45%, 24%
CMY	0.3255, 0.5490, 0.7647
CMYK	0.00, 0.33, 0.65, 0.33
HSL	29°, 48%, 45%
HSV	29°, 65%, 67%
XYZ	23.9596, 21.3584, 7.1347
YIQ	125.7730, 51.6270, -5.0210

Conversions

Conversions Part 2

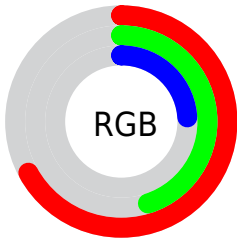
Format	Color
R_{YB}	172, 168, 60
Decimal	11301692
CIE _{Lab}	53.34, 16.97, 38.92
CIE _{LCh}	53, 42.461, 66.435
Yxy	21.3584, 0.4568, 0.4072
Android (android.graphics.Color)	4289491772 (0xFFAC733C)
YUV	125.7730, -32.4261, 40.5411
Hunter-Lab	46.2151, 11.6645, 23.1973

Details

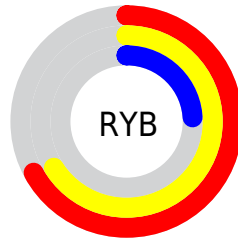
The YUV color **125.7730, -32.4261, 40.5411** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **106.2270, 32.4261, -40.5411**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5240, -34.7683, 45.1445**, and **75.3810, -31.2468, 35.6229** is the 20% darker color. If you saturate the color by 10%, you get **118.5520, -37.2471, 46.8739**, and if you desaturate by 10%, it is **132.9940, -27.6050, 34.2083**.

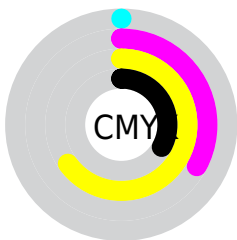
Distribution



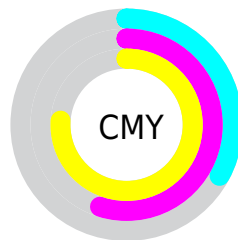
- Red (67%)
- Green (45%)
- Blue (24%)



- Red (67%)
- Yellow (66%)
- Blue (24%)



- Cyan (0%)
- Magenta (33%)
- Yellow (65%)
- Black (33%)



- Cyan (33%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.7730, -32.4261, 40.5411 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 125.7730, -32.4261, 40.5411 by changing the saturation by 10% instead.

■ 125.7730,
-32.4261, 40.5411

■ 125.7730,
-32.4261, 40.5411

■ 255.0000, 0.0000,
0.0000

■ 99.9900, -31.5471,
38.5968

■ 179.5240,
-34.7683, 45.1445

■ 75.3810, -31.2468,
35.6229

■ 205.5130,
-34.7629, 43.4001

■ 52.4390, -25.8524,
32.0640

■ 225.0270,
-31.0723, 26.2863

■ 32.0390, -15.7952,
26.2758

■ 245.1280,
-27.6711, 8.6577

■ 11.3620, -5.6015,
23.3615

■ 250.6680,
-16.5983, 3.7992

■ 0.0000, 0.0000,
0.0000

■ 253.9740, -3.9312,

0.8998

■ 125.7730,
-32.4261, 40.5411

■ 125.7730,
-32.4261, 40.5411

■ 118.5520,
-37.2471, 46.8739

■ 132.9940,
-27.6050, 34.2083

■ 111.3310,
-42.0682, 53.2067

■ 140.2150,
-22.7840, 27.8754

■ 104.5830,
-47.6154, 59.1247

■ 146.9630,
-17.2368, 21.9574

■ 100.7360,
-49.6628, 62.4985

■ 154.1840,
-12.4157, 15.6246

■ 161.4050, -7.5947,
9.2918

■ 168.6260, -2.7736,
2.9590

■ 175.2600, 2.3368,
-2.8590

■ 182.5950, 7.5947,
-9.2918

■ 189.8160, 12.4157,
-15.6246

Harmonies

Analogous

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



127.0860, -20.2554, 56.9296



125.7730, -32.4261, 40.5411



123.2230, -35.1129, 15.5904

Triad

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



125.7730, -32.4261, 40.5411



100.9780, 16.2798, -88.5577



130.5690, 27.3275, 8.2710

Complementary

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



125.7730, -32.4261, 40.5411



106.2270, 32.4261, -40.5411

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.



121.5460, 38.6778, -39.0668



125.7730, -32.4261, 40.5411



104.4950, 32.2940, -91.6421

Square

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



125.7730, -32.4261, 40.5411



110.5360, -6.6732, -53.0901



103.7090, 44.5135, -90.9528



130.7060, 12.9629, 42.3538

Rectangle

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



125.7730, -32.4261, 40.5411



120.6550, -30.3959, -4.0824



103.7090, 44.5135, -90.9528



129.2190, 31.4440, -5.4541

Sweetspot

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



125.7730, -32.4261, 40.5411



206.0700, -12.8525, 15.7246



100.1000, 8.8247, 63.0563



100.7040, -7.7421, 9.9066



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



125.7730, -32.4261, 40.5411



151.8070, -50.6839, 63.3133



158.0580, -48.3426, 12.2271



83.0390, -2.4842, 3.4738



88.2880, -43.5260, 54.1214



13.3340, -6.5737, 8.4771

Inverse Universe

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



106.2270, 32.4261, -40.5411



121.1930, 50.6839, -63.3133



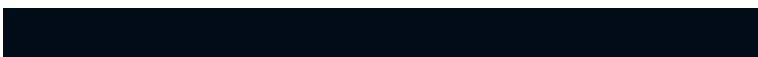
73.9420, 48.3426, -12.2271



81.3740, 2.7736, -2.9590



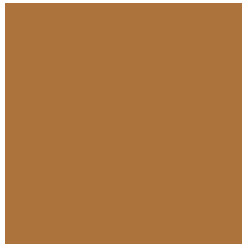
62.2990, 43.2366, -54.6362



9.6660, 6.5737, -8.4771

Previews

White Background



This preview shows how the YUV color 125.7730, -32.4261, 40.5411 looks on a white background.

Color Contrast Check

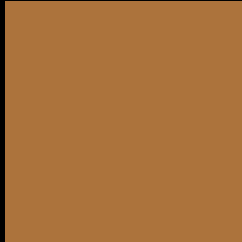
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 125.7730, -32.4261, 40.5411 looks on a black 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

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

YUV 125.7730, -32.4261, 40.5411

Background



This preview shows how black text looks on a background with the YUV color 125.7730, -32.4261, 40.5411.



This preview shows how white text looks on a background with the YUV color 125.7730, -32.4261, 40.5411.

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

125.7730, -32.4261, 40.5411

Protanopia

124.5910, -29.8714, 14.3907

Deuteranopia

125.4680, -33.2617, 28.5306



Tritanopia

129.9450, -6.3819, 40.3902

Trichromacy



Original Color

125.7730, -32.4261, 40.5411

Protanomaly

124.8310, -30.4827, 23.8272

Deuteranomaly

125.3160, -32.6938, 33.0489

Tritanomaly

128.4260, -15.9860, 40.8454

Monochromacy



Original Color

125.7730, -32.4261, 40.5411

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9990, -11.8315, 14.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7730, -32.4261, 40.5411 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(172, 115, 60)` looks like.

```
.text, #text, p{  
    color:rgb(172, 115, 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(172, 115, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 115, 60) }
```

Border

The CSS property to change the border of an element to YUV 125.7730, -32.4261, 40.5411 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(172, 115, 60) }
```


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

```
.border{ border-color:rgb(172, 115, 60) }
```

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

Here you see how a box with a 4 pixel rgb(172, 115, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 115, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 115, 60);  
box-shadow:4px 4px 4px 4px rgb(172, 115,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 125.7730, -32.4261, 40.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 115, 60) }
```

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

```
.background{ background-color: rgb(172,  
115, 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](#).

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