

Converting Colors

YUV(122.7700, -37.8476,
52.8217)

Have a look what the booklet for
YUV(122.7700, -37.8476, 52.8217)
contains.

YUV(122.7700, -37.8476, 52.8217)	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(122.7700, -37.8476,
52.8217)**

Conversions

Conversions Part 1	
Format	Color
Hex	B76B2E
RGB	183, 107, 46
RGB Percent	72%, 42%, 18%
CMY	0.2824, 0.5804, 0.8196
CMYK	0.00, 0.42, 0.75, 0.28
HSL	27°, 60%, 45%
HSV	27°, 75%, 72%
XYZ	25.2793, 20.7799, 5.2633
YIQ	122.7700, 64.8770, -2.8590

Conversions

Conversions Part 2

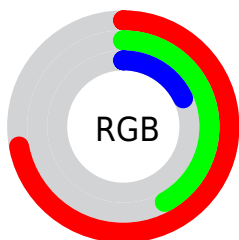
Format	Color
RYB	183, 156, 46
Decimal	12020526
CIELab	52.71, 25.39, 45.61
CIELCh	53, 52.199, 60.891
Yxy	20.7799, 0.4926, 0.4049
Android (android.graphics.Color)	4290210606 (0xFFB76B2E)
YUV	122.7700, -37.8476, 52.8217
Hunter-Lab	45.5850, 19.2139, 25.0638

Details

The YUV color **122.7700, -37.8476, 52.8217** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **106.2300, 37.8476, -52.8217**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8200, -40.3373, 58.0399**, and **72.0080, -35.4999, 46.4740** is the 20% darker color. If you saturate the color by 10%, you get **114.8480, -42.8161, 59.7693**, and if you desaturate by 10%, it is **130.6920, -32.8792, 45.8741**.

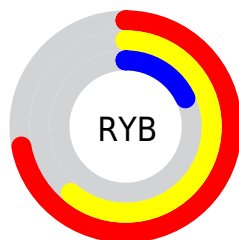
Distribution



Red (72%)

Green (42%)

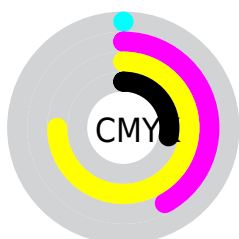
Blue (18%)



Red (72%)

Yellow (61%)

Blue (18%)

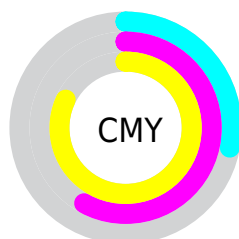


Cyan (0%)

Magenta (42%)

Yellow (75%)

Black (28%)



Cyan (28%)


Magenta (58%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.7700, -37.8476, 52.8217 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 122.7700, -37.8476, 52.8217 by changing the saturation by 10% instead.


 122.7700,
-37.8476, 52.8217

 122.7700,
-37.8476, 52.8217


255.0000, 0.0000,
0.0000


 96.5740, -37.2580,
50.3626


 176.8200,
-40.3373, 58.0399


 72.0080, -35.4999,
46.4740


 199.2210,
-38.5630, 48.9182

 49.8360, -24.5691,
40.4858


 218.6210,
-35.3092, 31.9044

 27.9630, -13.7858,
35.1124

 238.1350,
-31.6186, 14.7906


 13.1560, -6.4859,
27.0502


 248.9580,
-23.1503, 5.2988


 0.0000, 0.0000,
0.0000

 252.2640,


-10.4832, 2.3995

 122.7700,
-37.8476, 52.8217


 122.7700,
-37.8476, 52.8217


 114.8480,
-42.8161, 59.7693

 130.6920,
-32.8792, 45.8741


 106.8120,
-48.2213, 66.8169


 138.7280,
-27.4739, 38.8265

 102.2640,
-50.4162, 70.8055

 146.6500,
-22.5055, 31.8789

 155.1590,
-17.8264, 24.4166

 163.1950,
-12.4211, 17.3690

 171.1170, -7.4527,
10.4214

■ 179.0390, -2.4842,
3.4738

■ 186.9610, 2.4842,
-3.4738

■ 194.9970, 7.8895,
-10.5214

Harmonies

Analogous

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



123.1740, -20.2988, 70.8844



122.7700, -37.8476, 52.8217



120.0040, -46.3440, 24.5525

Triad

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



122.7700, -37.8476, 52.8217



100.6530, 12.4961, -88.2727



127.7450, 37.1007, 0.2236

Complementary

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



122.7700, -37.8476, 52.8217



106.2300, 37.8476, -52.8217

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.



100.9340, 56.7275, -88.5191



122.7700, -37.8476, 52.8217



105.7830, 32.1520, -92.7717

Square

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



122.7700, -37.8476, 52.8217



102.9170, -11.2981, -63.0712



106.6100, 48.0133, -93.4970



128.6770, 20.3722, 45.8873

Rectangle

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



122.7700, -37.8476, 52.8217



117.4140, -41.6161, 1.3909



106.6100, 48.0133, -93.4970



124.8780, 41.9651, -20.0640

Sweetspot

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



122.7700, -37.8476, 52.8217



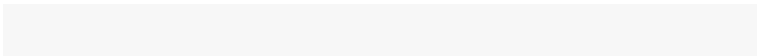
214.0490, -14.3212, 20.1280



95.8550, 13.8755, 76.4262



106.4870, -8.6211, 11.8509



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



122.7700, -37.8476, 52.8217



143.4520, -58.8898, 82.0416



162.0990, -57.2368, 18.3302



88.0390, -2.4842, 3.4738



87.1470, -42.9635, 60.3841



15.4160, -7.6001, 11.0362

Inverse Universe

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



106.2300, 37.8476, -52.8217



117.5480, 58.8898, -82.0416



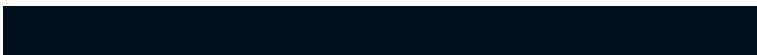
66.9010, 57.2368, -18.3302



86.9610, 2.4842, -3.4738



68.2660, 43.2529, -59.8693



12.5840, 7.6001, -11.0362

Previews

White Background



This preview shows how the YUV color 122.7700, -37.8476, 52.8217 looks on a white background.

Color Contrast Check

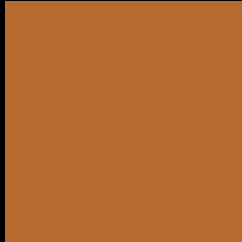
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.7700, -37.8476, 52.8217 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 122.7700, -37.8476, 52.8217

Background



This preview shows how black text looks on a background with the YUV color 122.7700, -37.8476, 52.8217.



This preview shows how white text looks on a background with the YUV color 122.7700, -37.8476, 52.8217.

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

122.7700, -37.8476, 52.8217

Protanopia

121.9350, -34.9710, 16.7200

Deuteranopia

122.4700, -39.6717, 31.1598



Tritanopia

127.2130, -9.4720, 51.5562

Trichromacy



Original Color
122.7700, -37.8476, 52.8217

Protanomaly
122.0830, -36.0299, 29.7452

Deuteranomaly
122.3400, -39.1146, 39.1668

Tritanomaly
125.4660, -19.9497, 52.2113

Monochromacy



Original Color
122.7700, -37.8476, 52.8217

Achromatopsia
123.0000, 0.0000, 0.0000

Achromatomaly
122.8640, -13.7370, 19.4133

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7700, -37.8476, 52.8217 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(183, 107, 46)` looks like.

```
.text, #text, p{  
    color:rgb(183, 107, 46)  
}
```

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(183, 107, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 107, 46) }
```

Border

The CSS property to change the border of an element to YUV 122.7700, -37.8476, 52.8217 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(183, 107, 46) }
```


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

```
.border{ border-color:rgb(183, 107, 46) }
```

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

Here you see how a box with a 4 pixel rgb(183, 107, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 107, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 107, 46);  
box-shadow:4px 4px 4px 4px rgb(183, 107,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 122.7700, -37.8476, 52.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 107, 46) }
```

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

```
.background{ background-color: rgb(183,  
107, 46) }
```

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