

Converting Colors

YUV(129.7730, -52.6391,
37.0331)

Have a look what the booklet for
YUV(129.7730, -52.6391, 37.0331)
contains.

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Color

**YUV(129.7730, -52.6391,
37.0331)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8117
RGB	172, 129, 23
RGB Percent	67%, 51%, 9%
CMY	0.3255, 0.4941, 0.9098
CMYK	0.00, 0.25, 0.87, 0.33
HSL	43°, 76%, 38%
HSV	43°, 87%, 67%
XYZ	25.0182, 24.5330, 4.2274
YIQ	129.7730, 59.6540, -23.8500

Conversions

Conversions Part 2

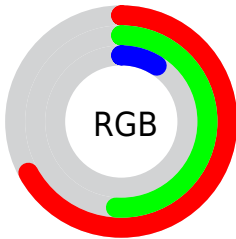
Format	Color
R_{YB}	83, 172, 23
Decimal	11305239
CIE Lab	56.62, 7.43, 57.48
CIE LCh	57, 57.958, 82.635
Yxy	24.5330, 0.4652, 0.4562
Android (android.graphics.Color)	4289495319 (0xFFAC8117)
YUV	129.7730, -52.6391, 37.0331
Hunter-Lab	49.5308, 3.4819, 29.6113

Details

The YUV color **129.7730, -52.6391, 37.0331** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **65.2270, 52.6391, -37.0331**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9090, -52.2131, 40.4218**, and **81.3450, -40.1031, 29.5154** is the 20% darker color. If you saturate the color by 10%, you get **124.9000, -58.6177, 41.3067**, and if you desaturate by 10%, it is **134.6460, -46.6605, 32.7595**.

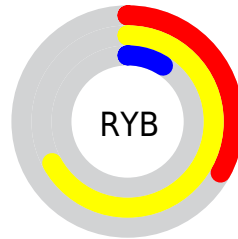
Distribution



Red (67%)

Green (51%)

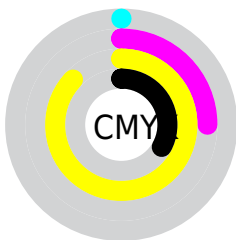
Blue (9%)



Red (33%)

Yellow (67%)

Blue (9%)

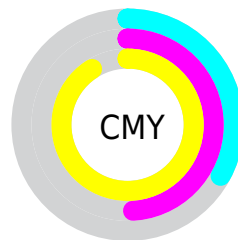


Cyan (0%)

Magenta (25%)

Yellow (87%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7730, -52.6391, 37.0331 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 129.7730, -52.6391, 37.0331 by changing the saturation by 10% instead.

■ 129.7730,
-52.6391, 37.0331

■ 129.7730,
-52.6391, 37.0331

■ 255.0000, 0.0000,
0.0000

■ 103.8050,
-51.1759, 34.3740

■ 184.9090,
-52.2131, 40.4218

■ 81.3450, -40.1031,
29.5154

■ 210.8980,
-52.2077, 38.6775

■ 59.4720, -29.3197,
24.1421

■ 230.4120,
-48.5171, 21.5637

■ 39.0720, -19.2625,
18.3539

■ 244.0560,
-41.9326, 9.5979

■ 19.8570, -9.7895,
13.2804

■ 247.2480,
-29.7023, 6.7985

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

129.7730,
-52.6391, 37.0331

129.7730,
-52.6391, 37.0331

124.9000,
-58.6177, 41.3067

134.6460,
-46.6605, 32.7595

123.0420,
-60.6597, 42.9362

139.5190,
-40.6819, 28.4858

144.5060,
-34.2665, 24.1122

149.3790,
-28.2878, 19.8386

154.2520,
-22.3092, 15.5650

■ 159.1250,
-16.3306, 11.2914

■ 163.9980,
-10.3520, 7.0178

■ 168.9850, -3.9366,
2.6442

■ 173.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



132.5590, -37.7436, 66.1618



129.7730, -52.6391, 37.0331



125.7250, -46.6994, -1.5128

Triad

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



129.7730, -52.6391, 37.0331



113.6420, 29.2635, -99.6640



139.5220, 28.8297, 39.8842

Complementary

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



129.7730, -52.6391, 37.0331



65.2270, 52.6391, -37.0331

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.



135.0290, 46.3277, -19.3194



129.7730, -52.6391, 37.0331



116.0820, 48.7666, -101.8039

Square

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



129.7730, -52.6391, 37.0331



107.1270, 6.8394, -93.9504



112.0190, 61.1226, -98.2407



134.5360, 7.6238, 74.9519

Rectangle

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



129.7730, -52.6391, 37.0331



121.0230, -32.0563, -31.5922



112.0190, 61.1226, -98.2407



140.0190, 34.9936, 22.7853

Sweetspot

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



129.7730, -52.6391, 37.0331



207.9960, -20.7040, 14.0355



72.6810, -2.3077, 87.1028



102.1400, -12.3940, 8.6472



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.



129.7730, -52.6391, 37.0331



160.8960, -79.3217, 55.3422



146.0440, -60.6607, -3.5466



84.2130, -3.0630, 2.4442



107.6590, -53.0759, 37.1331



16.2690, -8.0206, 5.9031

Inverse Universe

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



65.2270, 52.6391, -37.0331



63.6910, 79.0323, -55.8570



48.9560, 60.6607, 3.5466



80.7870, 3.0630, -2.4442



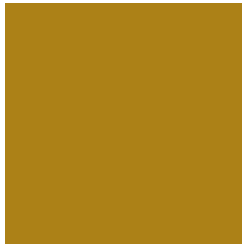
42.3410, 53.0759, -37.1331



6.7310, 8.0206, -5.9031

Previews

White Background



This preview shows how the YUV color 129.7730, -52.6391, 37.0331 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 129.7730, -52.6391, 37.0331 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 129.7730, -52.6391, 37.0331

Background



This preview shows how black text looks on a background with the YUV color 129.7730, -52.6391, 37.0331.



This preview shows how white text looks on a background with the YUV color 129.7730, -52.6391, 37.0331.

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

129.7730, -52.6391, 37.0331

Protanopia

128.4290, -50.9905, 21.5488

Deuteranopia

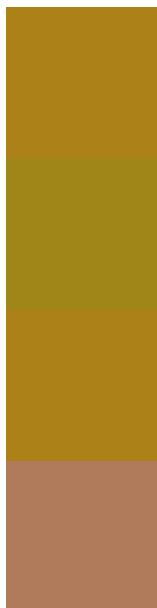
129.7730, -52.6391, 37.0331



Tritanopia

138.3680, -4.6184, 34.7573

Trichromacy



Original Color

129.7730, -52.6391, 37.0331

Protanomaly

128.6470, -51.5910, 27.4966

Deuteranomaly

129.7730, -52.6391, 37.0331

Tritanomaly

135.0850, -22.2269, 35.8825

Monochromacy



Original Color

129.7730, -52.6391, 37.0331

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0390, -19.2462, 13.1208

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7730, -52.6391, 37.0331 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, 129, 23)` looks like.

```
.text, #text, p{  
    color:rgb(172, 129, 23)  
}
```

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, 129, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 129, 23) }
```

Border

The CSS property to change the border of an element to YUV 129.7730, -52.6391, 37.0331 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, 129, 23) }
```


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

```
.border{ border-color:rgb(172, 129, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 129, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 129, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 129, 23);  
box-shadow:4px 4px 4px 4px rgb(172, 129,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 129.7730, -52.6391, 37.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 129, 23) }
```

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

```
.background{ background-color: rgb(172,  
129, 23) }
```

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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